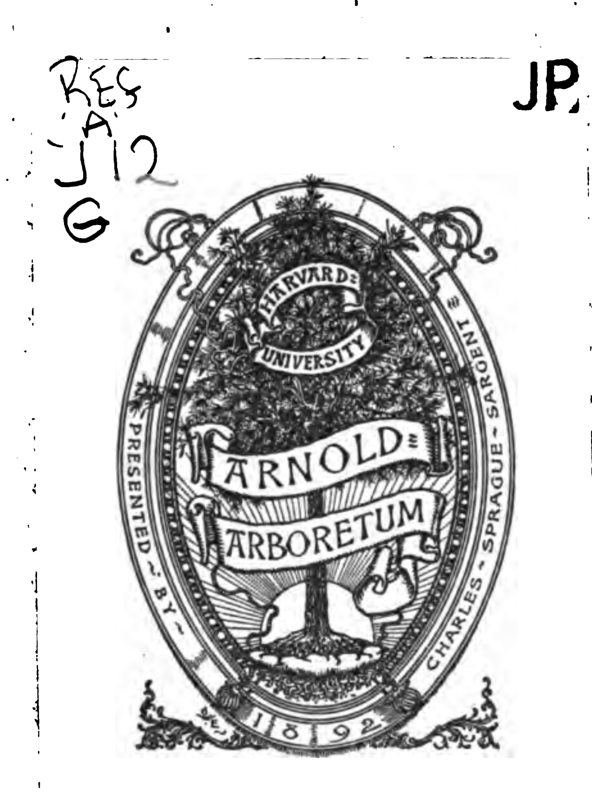
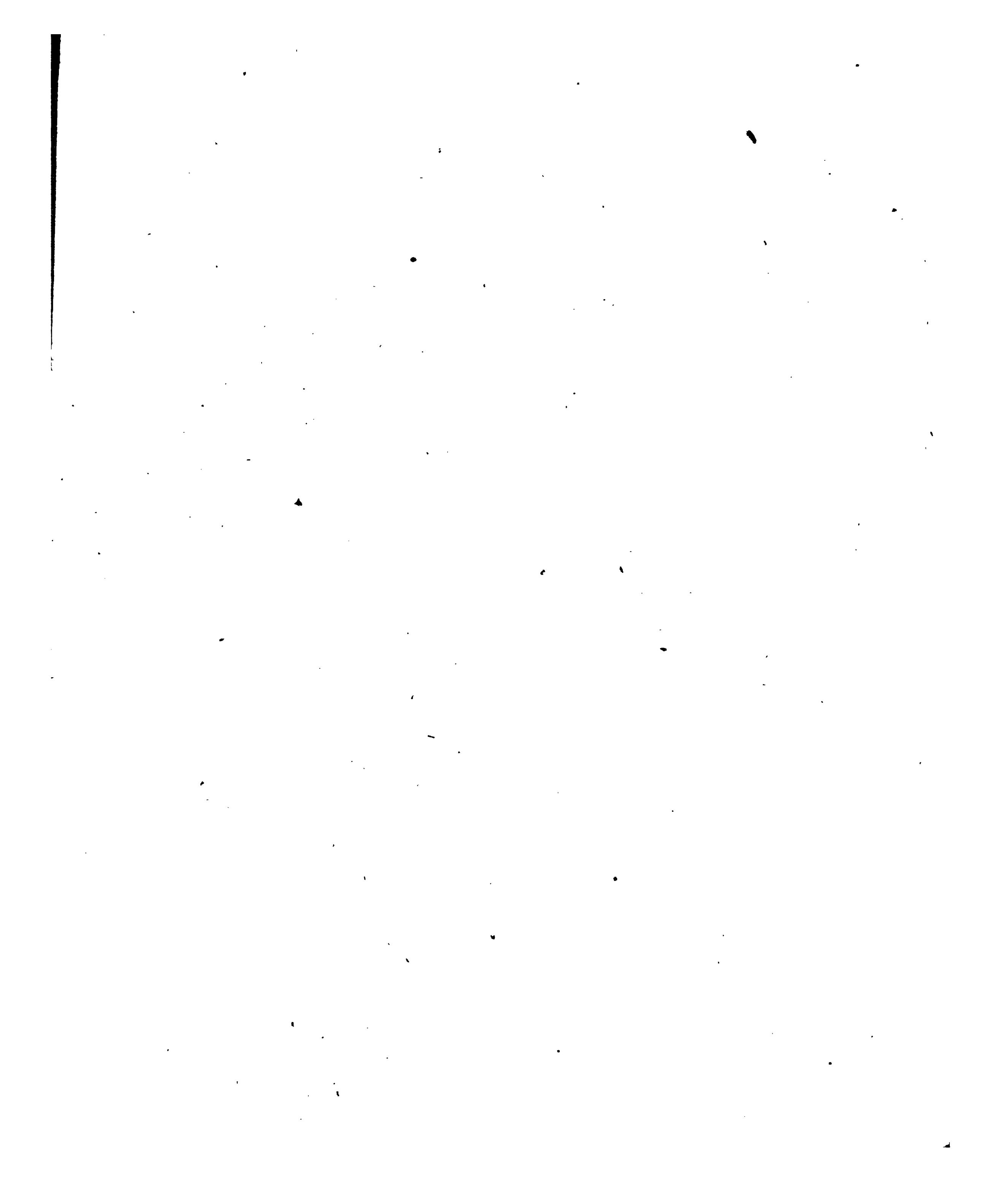
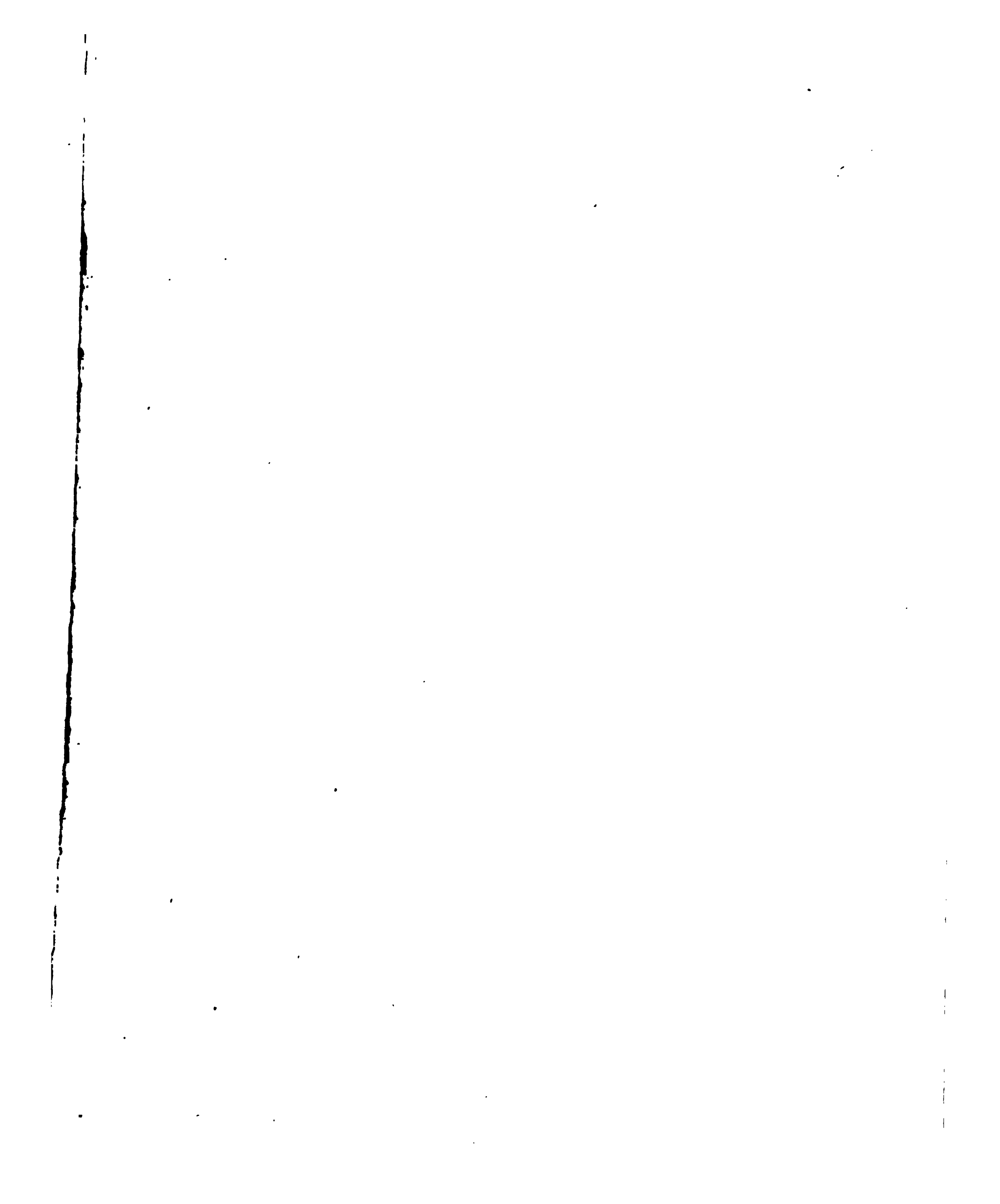

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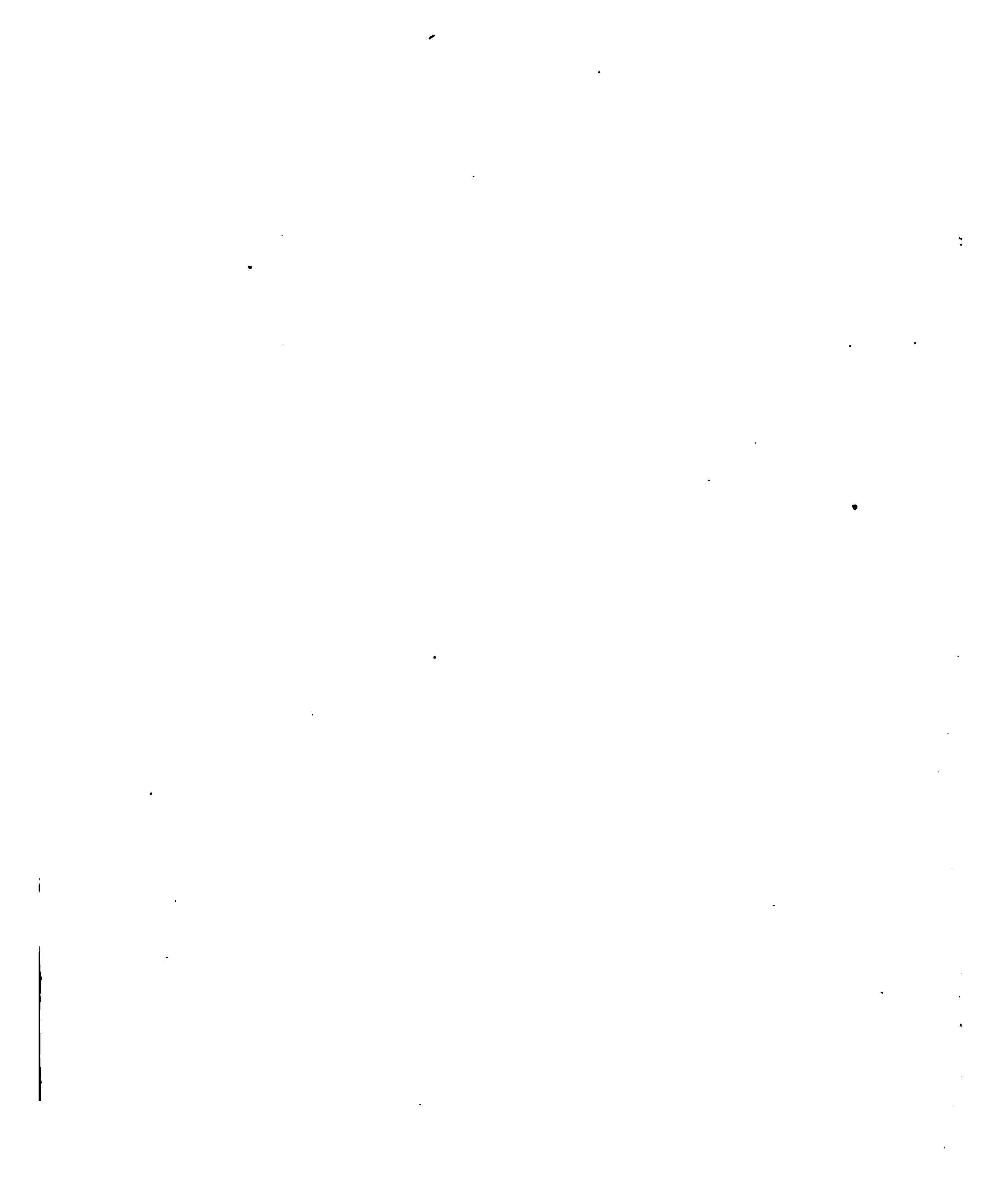






GUIDE TO THE LITERATURE OF BOTANY.

INDEX SOCIETY.
PUBLICATIONS, 1880.
VIII.



GUIDE

TO THE

LITERATURE OF BOTANY;

BEING

A CLASSIFIED SELECTION OF BOTANICAL WORKS,

INCLUDING NEARLY 6000 TITLES NOT GIVEN IN

PRITZEL'S 'THESAURUS.'

BY

BENJAMIN DAYDON JACKSON,

SECRETARY OF THE LINNEAN SOCIETY.



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PUBLISHED FOR THE INDEX SOCIETY

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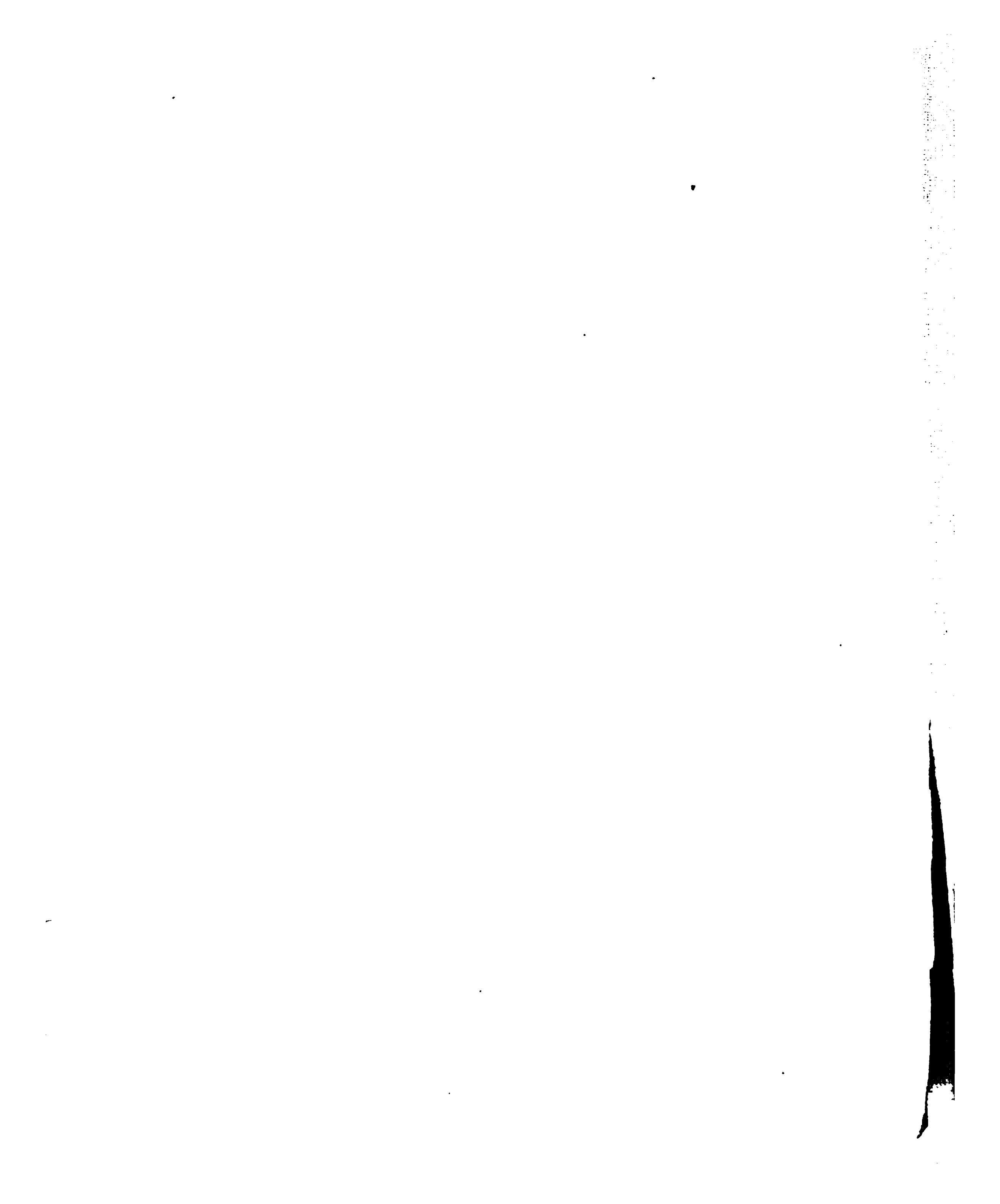
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PREFACE.

THIS work, so long announced, is at last completed. Begun three years ago, and at first interrupted by ill-health and other causes, for the last twenty months it has been the subject of continuous labour.

When I undertook the task of compiling a *Guide to the Literature of Botany* within the compass of a few months, I much underrated the magnitude of the task I had set myself to do. In common with most people, I believed Pritzel's *Thesaurus* to be practically complete to the end of 1871; I fancied therefore I had but to select from that storehouse, add the titles of such new books as had since appeared, and arrange the whole in the order of subjects. The delay in the issue of the present work is chiefly due to the unlooked-for heavy labour which was found necessary to produce a result which could be deemed satisfactory.

The history of my work is as follows. Having agreed to compile a classified subject-index of short titles, I began by extracting from Pritzel such as I thought should be included. In order to attain the brevity necessary to compress my subject within the limits of about two hundred pages, I decided to reject certain classes of works, unless some special reason should plead for their retention. Thus I shut out the greatest portion of introductory works in foreign languages, theses, lectures, inaugural dissertations, works of more medical than

botanical interest, and foreign local floras of narrow boundaries; I rarely gave two works by the same author on the same subject, but selected that one I thought most advisable. For example, Dr. Engler has produced a thesis, and a monograph, of the genus Saxifraga; I have included the latter but not the former. Of course the selection is not of easy accomplishment; I have endeavoured to judge every case on its own merits, and where I could hardly decide on certain doubtful books, I have chosen to err on the side of inclusion rather than the reverse. I have given Belt's *Naturalist in Nicaragua*, but excluded its confessed model, Bates's *Naturalist on the Amazons*, purely on these grounds. In doing this, I had to consider whether the amount of botanical information given was sufficient to warrant the citation of the book. Another point was, what were to be considered independent publications? I laid down these two canons: the possession of separate pagination, and a full title-page; the existence of both of these was essential for the right of any tract to be included in the *Guide*. I have explained some of these matters elsewhere,[1] and need not here repeat much of what I have already spoken. In a few instances I have found it needful to relax the stringency of my rules, but such cases are not common. I have chosen to be sometimes inconsistent, for the sake of including an important work, which would have been shut out by rigorous observance of these rules.

The aim I set before myself was to give all the works likely to be wanted by my fellow-countrymen, either for a knowledge of their own botanical literature, local and colonial floras, or for trade; keeping specially in view those districts likely to be visited by the traveller from these shores. I have

[1] Trimen's Journal of Botany, 1880, pp. 167-177.

gone entirely outside these limits whenever I have found books not enumerated by Pritzel; those, therefore, who only require a supplement to the *Thesaurus* will find it in this volume, whilst the majority of readers will be glad of the systematic arrangement.

I have mentioned Pritzel's *Thesaurus* as my chief source of information, and have given expression to my warm appreciation of the work, in the article already referred to; in addition to this, I have searched the libraries of the Royal Herbarium, Kew; the Linnean Society, including the collection of Linnaeus himself; the National Herbarium, British Museum, now removed to South Kensington; the Royal Microscopical Society; the Banksian Tracts, numbering 720 volumes; and the Lindley Library. I have also diligently made use of the private stores of many friends, and hunted up works named on title-pages, in footnotes, in quotations, and in advertisements. I have worked through the half-yearly parts of the *Bibliotheca Historico-naturalis* from its commencement in 1862 to the first Heft of 1880, which reached me a few days before the printing of the Addenda; the various issues in this country of Bent's *Monthly Literary Advertiser*, the *Bookseller*, and the *Publishers' Circular*. Catalogues of other libraries and booksellers have been carefully gone through, and the arduous task of comparing the titles so obtained, either with the books themselves, or trustworthy authority, has been chiefly performed at the British Museum; there for many months I have made daily use of such helps as Kayser, Heinsius, Lorenz, Quérard, and other bibliographical authorities. I have not attempted a systematic overhauling of the more than 2200 volumes of the Museum Catalogue, for this reason, that the results would hardly be proportionate to the formidable task, the National

Library being decidedly weak in scientific books, even of our own country, between 1820, the year when the library of Sir Joseph Banks ceased to grow, and 1850, when the provisions of the Copyright Act became somewhat of a reality.

During the time this book has been in preparation, my plans have perforce undergone considerable alteration. Instead of a few hundreds of titles additional to Pritzel, I have named nearly six thousand main-titles, exclusive of the new editions of previously published works. It is difficult to preserve consistency during so long a stretch of time, and when the original plans have required so much alteration; I believe, however, that I have not greatly erred in that respect. The *Guide* is meant to be SUGGESTIVE, not EXHAUSTIVE; it does not claim to be a complete bibliography of the subject, but to indicate the general drift of the 9,000 and odd books enumerated. The short titles will, it is believed, give the scope of each book, eked out by its sectional position; works mentioned in Pritzel can be readily identified by reference thereto, and when not in that authority, the titles are given at rather greater length, especially in the awkward class of anonymous publications. I have shortened the titles rather by omission of parts than by mutilation, and have tried to give such abbreviated titles as would be used in common parlance, or casual reference. In well-known books a single word, or even less than a single word, suffices; to the initiated "DC. Prod." takes the place of two or more lines of print; if I were to cite "Mueller's Befruchtung durch Insekten," no one would mistake my meaning, although that citation is a fragment of the title, without any hint of the suppression of some of the words in it, and must not be taken as a sample of my method.

I have also given the initials only of each author, unless, as

in the case of the Jussieus, more information was requisite; I have likewise omitted repeating the size of each edition, when there was no difference between them. The abbreviations used will, I believe, not give any trouble; the place of publication is frequently, and, as in the case of London, almost always shortened; no one will go astray in the matter of Lond. for London or Londini, Kjoeb. for Kjoebenhavn, or Lips. for Lipsiae. Other frequently-recurring contractions are, for instance—pl. for plantarum, sometimes also standing for plantae, plantes, plantas, plants; Entwickelungsgeschichte is invariably expressed by Entw., which also occasionally stands for Entwickelung simply; cat. for catalogus, and its modifications catalogue, catalogo, will also be known at once; and the occasional shortening of other words, familiar in so many book-lists, as not to need a tabular recital of them.

The size of the various books must be regarded as only crudely hinting at the size of shelf demanded by the respective volumes. With the varying sizes of paper now in use, the number of pages to each sheet is wholly misleading; many modern octavos exceed the present volume in size, which ranks as a quarto, and so with the other denominations.

I have adopted the plan of spelling out the common diphthongs and modified vowels, æ, œ; ä, ö, ü; ø; as ae, oe; ae, oe, ue; oe; I have not ventured do so with the Swedish å nor Hungarian ő, being unable to recall any weighty precedent for so doing. Some may think it rash to adopt this procedure, which has not obtained universal practice, but I am quite ready to defend my course of action herein; had I chosen otherwise, the same name must have figured in more than one place, for instance, Ørsted, Örsted, Œrsted, Oersted, all used for one and the same writer in various catalogues and title-

pages. Much of the current squeamishness arises from want of familiarity with the thing itself; many persons, who would shrink from writing Göthe, are horrified at the sight of fuer for für; they are used to the French mode of printing Gœthe, and to seeing the Cæsar of their school-days written out Caesar, but they lack the courage of following these indications to their logical consequences. Originally these modified vowels, ä, ö, ü, were shown, not by the diaeresis, but by a small e written above the principal letter; the mode adopted in this volume is therefore merely a common-sense practice, and also one which is gaining ground every day.

Titles given in *italics* are translations or transliterations from Russ, Greek, and other languages not using the Roman letters; my objection to printing the titles in their original characters was, that the authors' names would not range in the single index proposed; a multiplicity of indexes, one for each language, being an unmitigated nuisance. The transliteration of Russian names is not easy, as we find sometimes the same man or place differently rendered; for instance, Kieff, Kiew, Kiev; or Wjatka, Wiatka, Viatka. In many cases the transliteration is done by German-speaking people, and where this is known and accepted generally, it is cited by me, thus Maximowicz instead of Maximovitch, as it would be rendered into English equivalents.

As far as it was possible, I have adhered to the names of the authors as used in their own vernacular. The unwarrantable and indefensible translation of proper names cannot be too severely censured or unsparingly put down. This vicious taint seems to be most strongly developed in the French and German languages, so much so, that when their writers try to break away from their bad traditions they appear to be unable to free

themselves wholly from it. For example, in the last edition of Morren's *Correspondance botanique* may be seen "Dr. Horace Comes" and "Georges Bidie, Esq." In the present volume, Dr. Comes appears with the initial of his name Orazio, and probably both the authors named would repudiate the transmogrification performed, given too in a work which is practically international, and which quotes the English title of "Esq.," but transforms the Christian name "George" into the French dissyllable "Georges." I have equally strong opinions as to the folly of translating names of places; accordingly, unless a long-established name, like Vienna, exists, I give the local name in its integrity. I am thankful to be able to feel that the English sin least of all their neighbours in this matter, and where they do go wrong, it is by following French or German influence; to take the case of the city just mentioned, Vienna is certainly derived from Wien, through the French Vienne.

It is centuries too late to contend against the practice of translating names like William and Wilhelm into Gulielmus, or Karl into Carolus. I mention it here, because the same writer appears with varying initials sometimes. F. A. Willems Miquel when writing Dutch, becomes F. A. Gulielmus Miquel when sending forth a Latin work. The only serious complaint I have to make against Pritzel is his invariably spelling Carl, Conrad, Constantin, with a K, without paying any attention as to the practice of the owners of the names; one ludicrous result of this ill-advised habit has been pointed out in my article already quoted.

In the index I have used what appear to me to have been the names of the respective authors as used by them in their later years. Any increase of name, such as Brisseau-Mirbel,

from the plain Mirbel, is given with proper cross-reference from the simple name. The prepositions, which when in Latin stand as de, a, ab, are likewise reduced to their proper equivalents, for instance, Nees ab Esenbeck becomes Nees von Esenbeck. A few errors in the initials of authors' names being rectified in the Index, are not specified in the Corrigenda.

Authors sometimes cause some amount of doubt as to their identity by varying their usage of the initials of their names; thus, A. H. R. Grisebach usually styled himself A. Grisebach simply. I think it greatly to be wished that writers would give full information of themselves on their title-pages, but that is, I fear, too much to expect. A still more unpleasant habit is that of wholly omitting all initials whatsoever; the French are greatly addicted to this form of vanity, the M. sometimes standing for Michel or Marc, but in the vast majority of cases for Monsieur. Why cannot they abbreviate Monsieur into Mr. as they do Docteur into Dr., and as other people do? It is delightful to find this vanity sometimes overreach itself; a certain person having written an account of the flowering plants found near Toulouse, thought himself of sufficient importance to sign his name at the foot of his preface simply "Robert"; the result is that he remains an undistinguished Robert to this day.

Church dignitaries are very apt to use their official title, in lieu of any initial; for example, I do not know the initials of "l'abbé Boulay"; in the index he, with many similar instances, has to remain with a blank after his name.

It has been impossible to examine all the books named herein; many of them have probably never reached this country, others are privately or locally printed, and many are of that

ephemeral class, school-books. Elementary works are not as a rule to be found in the botanical libraries which usually are appendages to herbaria; they would be out of place there, and would uselessly take up valuable space. We can only by chance find them in various hands, and our information as to new editions, and the like, must be obtained from the publishers' lists or contemporaneous criticism. The British Museum cannot demand a copy of a mere reprint, hence I have often had to search in other quarters for such information as I could not gain there. I have rejected unhesitatingly every title which I believed to be erroneous or defective; about two hundred titles are still in my hands which could not be used on account of imperfections. Take, for instance, "W. Gardiner's *Catalogue of British Mosses, Ed.* 3. *price* 2*d.*"; this was advertised by Longmans, but I can learn nothing more about it; it was probably a broadside, and published between 1840 and 1850, but the absence of certain information compels me to omit it, with many similar cases.

In admitting titles at secondhand, even with every precaution adopted to guard against copying mistakes, there is increased risk of errors creeping in. Some authors contrive titles seemingly of set purpose to entrap the unwary; a fine example of this pious fraud is in the case of Bishop Alex. Ewing's *Feamainn Earraghaidhiell; Argyllshire Seaweed.* Glasgow, 1872. 8°. To enhance the delusion the coloured wrapper is ornamented with some of the common marine algae, but the inside of the volume consists solely of pastoral addresses. As another example take this, *Flowers from the South, from the Hortus Siccus of an old Collector. By W. Hyett, F.R.S*, instead of a popular work on the Mediterranean flora, by a scientific man, as might be looked for, this is a quarto volume

of translations from the Latin and Italian poets. It will surprise no one to be informed that both the foregoing have been ranked as scientific treatises, by the compiler of the *Bibliotheca Historico-naturalis;* I consider the blame must be charged against the perpetrators of these misleading titles. Another mistake, far less easily condoned, may be found in the *Bookseller* for May, 1879, p. 431, where *Florilegium amantis,* a selection by Mr. Richard Garnett from the poems of Coventry Patmore, is gravely set down as a botanical book! The same journal has this statement on page 36 of this month's issue (Jan. 1881): *Calpensis* (*Flora*); *Reminiscences of Gibraltar,* etc. This is probably a new edition (which I have not seen) of Kelaart's *Flora calpensis,* mentioned on page 340. Again, a blundering title like that of Keith's, given on page 484, with a note concerning it, may easily be misunderstood, especially if it occur in a language with which the compiler is imperfectly acquainted.

I might extend this list to a considerable extent; but I will only mention one other error I have met with. This announcement, "Passagio G., *Delle crittogame alle fanerogame,*" hardly suggests the actual title which is cited on page 108, and should be Massalongo, *Graduale passagio delle crittogame,* etc. This is a step beyond the kind of blunder referred to by Mr. Wheatley (*What is an Index?* p. 67), as occurring in Carus and Engelmann's *Bibliotheca Zoologica;* — *Schreiben, Schriften,* and the like.

In taking titles from the various publishers' journals, there must always be some risk towards the end of each year, of giving a date which may differ by an unit from that on the title-page of the book itself; this liability arises from the trade-practice of dating forward; I have given the titles of

something like twenty publications bearing date of 1881, the whole of which were actually sent out before the close of 1880, and, with two exceptions, all were actually in my hands last year. I have included no work which has been published since New Year's Day of this year; my volume is therefore practically complete to the end of 1880, although probably many foreign and colonial publications might rightfully claim admittance, which have been shut out on account of distance and the time of transit.

So far we have considered the case of independent works; of course the literature of any subject is largely made up of articles in Journals and Societies' publications, which in many cases form the most important contributions to special subjects. But it was clearly impossible for me to include all magazine articles in this volume; I have therefore given a list of the principal sources of information on this head, and there must leave it, however much I may regret to pass by in silence such important essays as Dr. (now Sir) J. D. Hooker's *Distribution of Arctic Plants*, in the Linnean Society's Transactions, or the various contributions on the flora of Rodriguez and Kerguelen, in the Philosophical Transactions.

After selection of the books themselves came the arrangement under subjects. The task was one of abundant difficulty, so much so that I would never again attempt a catalogue which was primarily a classified list. Were I again to engage in any extensive bibliographical labour I would steadily adhere to the practice of ranging the works under an alphabetical sequence of authors' names; this course minimizes trouble, and chances of error as to names and dates. As a consequence of my systematic arrangement, I found it extremely difficult to refer to my previous collections, thus

necessitating additional labour in transcribing, sorting, and finally rejecting close upon three thousand duplicate titles. If I had been able to arrange my titles under authors, instead of subjects, many weeks' work in the aggregate would have been spared me. As a key to the various subjects I would have an ample index, not framed in the somewhat cumbrous fashion adopted in both editions of Pritzel, but more in the manner of Mr. B. R. Wheatley's Index to the *Catalogue of the Library of the Medical and Chirurgical Society.*

The arrangement I have adopted is that, which, after much consideration, seemed best. I had to avoid increasing the bulk of this volume unnecessarily, already more than twice the size at first intended, and therefore shunned cross-references as much as possible. Many books, treating of several departments of botany, might fitly have gone in several sections. In a few cases where I was unable to decide the point, which subject was preponderant, I have given the book in more than one section; as an example, see Reinsch's *Contributiones in algologiam et fungologiam*, on pages 156 and 164. In using this volume, therefore, the reader must remember that the grouping is a very rough one, and that he must refer also to kindred subjects, if he would profit fully. As titles are often insufficient and even misguiding, I may have placed some books in sections different from those I might have chosen had I been able to refer to the books themselves. Slight divisions of subjects are usually marked-off by a rule.

In each section the order is mainly chronological, but the date of the last edition of each work is made to determine its position in the roll; this arrangement was adopted to enable each author in question to adduce his latest views. I will not trouble the reader with a somewhat complex code of regula-

tions, which I drew up for my own guidance; a simple outline will suffice.

Sections 1 and 2 hardly need any explanation; Biography consists entirely of works not given by Pritzel. Section 8, Nomenclators, are practically lists of names, with indications of the authors of them. Ante-Linnean Botany is divided into three sections—Biblical, Classical, and what I have, for lack of a better name, styled Early Modern. Section 13 consists of Elementary Works, and here are most of the school-books, continued in section 14, Lectures, and Wall Diagrams in the following section. Physiological and Morphological Botany is divided into many sections; General Treatises being first recounted, we pass on to The Cell and its various contents, such as Protoplasm, Chlorophyll, Starch, and similar compounds. Next, what I have called Nutrition, and certain phenomena of vitality, with the working of Heat, Light, Electricity on the plant; Growth, and the Motion of Fluids; the Tissues and Organs in General. Next are ranged the Organs in Particular, beginning at the Root and going on by the Axis, the Leaf with its modifications, the Laticiferous vessels, Bud-formation, the Bark with its appendages, the Stem and Inflorescence, this last term being understood to include the flower itself, then subdivided into the various parts of the flower, and its changes into the seed. Germination is treated of in section 31, and the carnivorous plants are included in section 32. The phenomena of Reproduction are next considered,—the Species question, Fertilization, with its attendant Hybridization, and Accommodation to surrounding circumstances. The development of Colour and special products are in sections 37–8. Then follow Plant Diseases and monstrous growths, which so greatly help our knowledge of the signifi-

cance of the various plant-organs, passing on to the chemical constituents of plants, and divers other appearances.

Section 43 is devoted to the morphological development of different groups, and then we arrive at works descriptive of phanerogamic species, the Laws of Nomenclature constitute a short section, and then Monographs of flowering plants are enumerated. This title has been objected to as not affording an accurate description of its contents; my explanation is, that where separate groups, or even species are described, they are ranged here, although many of the treatises are far from being exhaustive, on the genus or other division to which they refer. Those critics who most strongly objected to my use of the term Monographs were quite unable to suggest an alternative name which should take its place; their objections may therefore be set aside, without any hesitation. I am quite ready to share with Pritzel any blame which can possibly attach to such use of the word; after that term has been used during a whole generation in precisely my sense of its meaning, it is useless to carp at it as if it were a novelty of my own fabrication.

I have dealt with Cryptogams, first in general, then in detail; Vascular Cryptogams, Ferns, Mosses, Algae, Lichens, and Fungi; these last having been again divided. Much of what has been written within the last decade on Fungi as parasitic on animals and the cause of disease, has more affinity with medical, than botanical literature. Monographs of Fungi next follow, under the group-names given by the authors themselves. I have not attempted any scheme of classification, as at the present time systems are constantly changing, whilst the alphabet does not; such names as Oidium are therefore not banished, as some ardent modern mycologists would wish.

Fossil botany is dealt with in section 56, and Local Palaeobotany follows next. I have preferred to keep these sections together rather than refer the subjects of section 57 to the latter part of the volume; indeed, these sections stand apart by themselves, and approximate to geology. Economic Botany, Food and Forage Plants, Luxuries like Tea and Tobacco, and Medicinal Plants follow; then Forestry, and Fibrous Plants and sundries, bring us to Poems on botanical subjects, Almanacks, and Emblems. Instructions as to gathering, preservation, and use of specimens, forms section 71, and that leads us to books of local importance.

Beginning with Geographical Distribution in its world-wide sense, we find Voyages, or accounts of the productions of more than one division of the globe. Local Floras are divided, first into the great divisions of the world, Europe, Africa, America, Asia, and Australia and Oceania. Following my usual rules, the works in each division are arranged, (*a*) Complete floras of the whole; (*b*) Monographic floras of the whole, as for instance, the Grasses of the country, passing from phanerogams to cryptogams, as set forth in the sections devoted to them; (*c*) Complete floras of partial areas, for example, the *northern* part of the district; finally, the separate local floras arranged alphabetically. There is one marked exception to the alphabetic rule, namely, Europe is put first, and Great Britain and Ireland, first of the European States; the rest follow from Austria to Switzerland, the Arctic Regions forming a sort of No-mans-land. Greece and Turkey are put into one section, as political events now happening may soon alter the present division of territory; here also I have placed the south-eastern principalities like Montenegro, simply as matter of convenience, so as not to multiply sections without due cause.

Denmark is arranged with Scandinavia; Iceland is allotted a separate position, as it would have been absurd to rank it with the Scandinavian peninsula; Elsass and Lothringen will be found in Germany. Africa; North, Central, and South America, and then Asia; China and Japan are here grouped together, whilst India forms an important item; after the local floras I have quoted the Official Forest Reports; this list is not complete, but I have cited all that I have seen, quite sufficient to guide an inquirer who may wish for additional information; Adm. is used in this section briefly for *Administration.* The East Indian Archipelago is placed at the end of the continental Asiatic floras, and leads us on naturally to Australia and Oceania.

Botanical Gardens commence with section 104, and are arranged in the same manner as the Local Floras. Certain cultural books are here given, as showing what plants are in cultivation in the respective countries. I have also in each case enumerated such seed catalogues as I knew of; many descriptions of new plants have been issued in this form, as for instance, Fischer and Meyer, page 443, and the Berlin lists, page 424, and yet no botanical literature is so fugitive as these. The very gardens which issue them are frequently without complete sets; they are primarily intended for temporary use, and usually are soon lost or destroyed.

Periodical publications close our lists;—first, the Transactions and Journals of scientific societies, afterwards the Magazines which appear at stated intervals. Much local information is stored up in some of the provincial Field Club Reports; these I have endeavoured to catalogue, that they may not be forgotten in case of need.

The Addenda includes the titles of such books as came to

hand too late for incorporation in their proper places, new publications, and a few which had been accidentally misplaced.

The Index which closes the volume requires but little explanation. Carrying out my firm conviction that several indexes in the same book are vexatious and unprofitable, I have combined all matters requiring indexing into one alphabet. The years of birth and death of deceased writers are included in parentheses when known to me; if of birth or death only, the distinctive initial is prefixed.

I have inserted in the Corrigenda some dates which I have ascertained with greater precision since the printing of the titles in question; also such press-errors as I have detected during the indexing. The double mistake on page 171 originated accidentally at the moment of going to press, an instance of the manner in which errors will creep in, in spite of the exercise of the greatest care.

The reader must be warned that initials are frequently altered in the translation of Christian names, so that K=C, and G=W, as explained on a previous page. The rules of the Index Society as to prefixes have been adhered to; but I am by no means sure that they should not be extended or else modified in such cases as De Bary, Van Tieghem; these prepositions are meaningless in conjunction with a German and French speaking author respectively. It was my intention to refer to the Royal Society's *Catalogue of Scientific Papers*, in the Index, but the great length of the Index itself forbade any increment thereto; it is the less to be regretted, inasmuch as the *Catalogue* is itself alphabetically drawn up.

There now remains only the pleasing duty of thanking my very numerous friends and helpers at home and abroad. The mere enumeration of their names would take up a large

amount of space, and it would be too invidious a task to single out any, when all have so willingly co-operated. The measure of assistance received has only been limited by the demands made upon it.

To the officials connected with the various libraries consulted, for affording me unusual facilities, to private possessors of scarce books, and to authors where information has been sought at first hand, I gladly render my sincerest thanks.

B. DAYDON JACKSON.

30, Stockwell Road, London, S.W.

January 27*th*, 1881.

HISTORICAL INTRODUCTION.

A BRIEF introduction to the History of the Literature of Botany is all that can be attempted here; for fuller details recourse must be had to the volumes enumerated in section 2. For our purposes we may consider the literature of botany began with Theophrastus Eresios, for the fragments of Aristotle which have survived the ravages of the centuries are too insignificant to require our notice. Commencing then with Theophrastus, born B.C. 371, we find in his *περι τῶν φυτῶν ἱστορια* a catalogue of plants, without any attempt at description, so that much of his work has simply offered a text for the conjectures of his commentators. His other work, *αἴτια φυσικα*, shows the philosophical notions current at the time of writing, for we must remember that Theophrastus was a prominent peripatetic philosopher.

Passing by several minor writers without special remark, we arrive at the period of Dioscorides, in the first century. Probably no other author mentioned in the following pages has caused so much discussion and confusion among his followers. His various treatises formed the staple of the discourses and wranglings of the early botanists of the Renaissance, commencing with Otho Brunfels in 1530, flourishing with Matthioli and his contemporaries, and surviving in the closing years of the eighteenth century, to furnish the younger Sibthorp with strong inducements to prepare a Flora of Greece; the actual finish of that costly production taking place in 1840.

This amount of contention was probably caused by the extreme meagreness of the original descriptions, if they can be dignified by that term, so that the fancy of each succeeding writer had abundant scope in endeavouring to fit, and to persuade others that he had fitted, plants of Northern Europe to accounts written in the Mediterranean region. Some of the MS. copies of Dioscorides still extant have figures of the plants spoken of; the most celebrated of these is in the Imperial Library at Vienna, from which plates were prepared under the superintendence of Jacquin. Two impressions only appear to have been taken off, one being sent to Linnaeus, which is now in the Library of the Linnean Society in London, the other was sent as a loan or gift to Sibthorp, to assist in his above-mentioned labours, and that copy is now at Oxford, in the Library attached to the Botanical Garden.

Pliny, the next in order, is too well known to need more than a passing mention; his laborious compilations on plants have no original value whatever. Galen must be cited here, for his doctrine of temperatures of plants, hot, cold, moist, or dry, pervaded medical treatises for many centuries, and the botany of those days was almost entirely therapeutical.

From this period onwards for three hundred years, the knowledge of plants, beyond the merest economic requirements, suffered total eclipse in Europe. The Arabs alone bore the lighted torch of learning, and to them Western nations owe a deep debt of gratitude, for the discovery and use of many species and drugs of vegetable origin.

Conspicuous amongst these sages, we find Serapion, Razis, Avicenna and Averroes, to use the forms of their names best known. Others, equally, if not more worthy of fame, are less known by reason of their writings remaining in their original oriental dress. But the longest night must end, and the dark ages slowly drew on towards the awakening of men to the rich treasures of knowledge stored up in the classics, or simpler

still, only needing the open eye and ready mind to reap a rich harvest. The invention of printing in the fifteenth century, and the restless activity shown by the discoveries of new lands, unimpeded by the troubled state of Europe, gave an impetus to intellectual activity, which it is hard to overestimate. The state of things which could tolerate the *Ortus sanitatis*, and similar productions, was in the end of the fifteenth century now drawing to a close. In 1492, Ermolao Barbaro, or as more usually written, Hermolaus Barbarus, published his *Castigationes plinianae*, erasing from the text many of the errors which had crept in during the period of darkness. No longer content to receive as oracles worthy of implicit belief, all statements handed down by tradition, men began to look into the actual aspects of things themselves, and the faculty of criticism awoke. Thus a mighty tide set in, urging the learned onwards to investigate the natural objects round them, or in distant lands; curiosity once aroused, became craving, and the printing press began its mission of communication between kindred spirits. Brunfels was the first to display the result of actual comparison of the plants in the field and forest with the descriptions given by the classical writers. His figures are good and characteristic, and when placed side by side with the shapeless cuts of the *Grete Herbal*, sufficiently mark the immense stride forward which had been taken. Contemporaries now seemed to press forward; Euricius Cordus, Hieronymus Bock (better known as Tragus), Leonhard Fuchs, Jean Ruel, or Ruellius, are well-known names, and are ranked by Haller among the Instauratores. Tragus and Fuchs deserve special mention, on account of the wood-blocks which adorn their works; those of the latter are admirably drawn, and on a large scale.

A new era is thus led up to, well marked by being that of Conrad Gesner, whose name can never be mentioned without profound respect. Methodical arrangement may be said to

commence with him; certainly the first clear conception of genera, although much of the actual good he effected may be seen less in his own works than in those of his correspondents, who so largely benefitted by his labours. We must next enumerate the productions of Pietro Andrea Mattioli, usually called Matthiolus, a physician of Siena, whose commentaries on Dioscorides ran through more editions and were translated into more languages probably than those of any other three writers previous to Linnaeus. This brings us to our own countryman, William Turner, who issued his little *Libellus*, whilst quite a young man, in 1538; herein he expressly disclaims being the only or chief one skilled in botany in England, mentioning Wootton, Falconer, Wendy, and Clement, as being well qualified to write on plants, and yet producing nothing. Of Turner and his writings I have given a full account elsewhere; I therefore pass on to notice Dalechamp's great work, the *Historia generalis plantarum*, which came out after his death, and thus suffered the fate of most works which do not receive their last touches at the hands of the original writer, namely, that of being negligently edited, and of having the editor's mistakes too often attributed to the writer.

Luca Ghini was the first to occupy a chair of botany; he lectured at Bologna, and was the cause of the formation there of the earliest botanic garden, to the end that he might cultivate the plants he required for demonstration. Turner, who was one of his disciples, styles him "reder of Dioscorides in Bonony." A brilliant pupil of this early professor, Andrea Cesalpini, first sketched a system of arranging plants by their structural affinities, founding his principles of arrangement upon the fruit and seed.

The university of Montpellier, towards the end of the sixteenth century, was specially noteworthy for the large number of its students who afterwards attained eminence in various departments of natural history. Rondelet was one of the

professors, and amongst the students were Clusius, Dalechamps, J. Bauhin, Rauwolff, L'Obel and his shadowy colleague Pena.

So many notable writers were contemporaneous about this period, that I cannot pretend to arrange them in strict chronological order. Rembert Dodoens, latinized into Dodonaeus, is well known by his *Pemptades*, a Latin version of the *Cruydtboek*, the excellent woodcuts of which are cited by Linnaeus for illustrations of European plants. This work was translated by Clusius into French, and into English by Henry Lyte, of Lytes-Cary, in Somersetshire; the copy Lyte used, with extensive and beautifully-written notes in red ink, is in the British Museum Library.

Clusius, as best known to the Latin reading world, or Charles de l'Escluse, as his name appears in his French translations, was almost as much distinguished by his personal misfortunes as by his sterling botanical merit. He travelled through Spain to observe the plants of that peninsula, and Hungary and Bohemia for alpine plants; in doing so he suffered greatly from accidents which one after another happened to him, and at length quite crippled him, but failed to quench his unappeasable ardour in the pursuit of the knowledge of plants. His Latin style is much praised for its purity, and as he was first to describe a very large number of new plants, his books are of great interest. He ended his days as professor of botany, at Leyden, in 1609.

The first luxurious work on botany was the *Hortus eystettensis*, an unwieldy folio, with copper-plates of plants of natural dimensions, several times reprinted; it is attributed to Basil Besler with a certain amount of doubt as to the real author. In this work we find, for the first time, references to the pages of the authors cited.

Bodaeus a Stapel is known to fame by having edited Theophrastus, *De historia plantarum*, and giving the opinions of Scaliger and others; this is considered the "Editio princeps."

L'Obel, a pupil of Rondelet, after some years of travel in the south of Europe, settled in England, where he published his *Adversaria* and other works, during his long abode of nearly fifty years. In the *Adversaria,* the arrangement of plants was L'Obel's own, and is a rough attempt at a natural grouping; he begins with the grasses and grass-like plants.

John Gerard followed the method of L'Obel, using the text of Dodoens and the woodcuts of Tabernaemontanus in his *Herball,* the issue of which was preceded by the catalogue of his garden. The *Herball* became so generally esteemed by his countrymen, that Thomas Johnson, his subsequent editor, contented himself by expunging the gross errors, and adding fresh plants without changing the arrangement. In this way Gerard's *Herball* is still held in estimation, probably as much for his quaint language as for any other reason; I have elsewhere given an ample account of him.

Aldrovandus devoted one of his folios to the vegetable kingdom. He died in 1605, ruined by the cost of the extensive collections accumulated for his comprehensive works, and whilst only four of his volumes had passed through the press.

Many works on the Materia medica of the East and West Indies were about this time put forth, and translations into the various languages of Europe soon spread a knowledge of some of the products of the newly-discovered countries, which were being opened up by the enterprise of the chief maritime nations, the Spanish, Portuguese, and English, and in lesser degree the Dutch. Amongst these may be enumerated those of Garcia ab Horto as he is called in the Latin versions of his book, Acosta, and Monarda.

Johann Bauhin is best known by his *Historia plantarum,* issued after his death, under the care of Cherler and Chabraeus. The woodcuts are rough, although sometimes very characteristic, and the paper and print detestable, yet the accuracy and clearness of the author in his text caused Ray and others to attach great importance to "J. B. Hist."

Caspar Bauhin, the younger brother of the above, edited the complete works of Matthiolus, and contemplated an exhaustive treatise on all known plants, when death ended his labours in 1624. The first part of volume i. of his *Theatrum* appeared posthumously in 1658; his *Pinax* (1623), which was intended to smooth the way for his larger work, became the universal text-book of botany for something like a century. In this book Bauhin has ranged the synonyms of various authors under his own name for each plant; Linnaeus quotes the *Pinax* throughout in his *Species plantarum*.

Johnson, the Editor of Gerard's *Herball*, is also known as the author of several small works, which have been reprinted in one volume. In these we find the first account of the various plants seen in a small and definite locality, the earliest English local lists in fact. The troublous times of the civil war stopped his prosecution of botany, and he lost his life in the commotion.

John Parkinson's first publication came out in 1629, the same year as Johnson's; it is a full list of the choice garden flowers, cultivated for their beauty in his days; but the completion of his *Paradisus terrestris*, the *Theatrum*, did not see the light until eleven years after, chiefly owing to the unsettled state of the kingdom.

The admirable etchings of Fabio Colonna, latinised into Columna, in his *Phytobasanos*, and *Ecphrasis*, deserve especial mention; no drawing equal to them in merit for demonstrating details appearing afterwards for a long period. He groups his plants naturally, but without setting himself to elaborate a complete system.

John Tradescant the elder lived many years, and died in England; he travelled in North America, and brought home many plants and trees, of which he published a catalogue; his garden at South Lambeth was of much interest when Dr. Watson and other members of the Royal Society visited

it nearly a century after the founder's death, and at the moment of writing this, his house is still standing, although doomed to speedy demolition by the progress of building operations.

Robert Morison was too prominent in his day to be passed over in silence. Of his most important work, the second volume came out during his lifetime, the third volume was edited by Bobart, whilst the first was never printed. The copper-plate engravings in this work are very good, although small, but are cumbrous to quote, being arranged in sections separately numbered, so that three numerals must be used to designate a particular figure. Morison pretended that he had elaborated his system without deriving help from his predecessors, a statement which, coupled with his caustic criticisms on Caspar Bauhin's *Pinax*, does not exhibit his disposition in a very favourable light.

The attention of John Evelyn was chiefly given to gardening, but his work *Silva* is included in my selection. About this time British botany was diligently studied by some, resulting in Dr. William How issuing the first British flora, under the title of *Phytologia britannica.* Ten years later an unpretentious work, anonymous like the last, issued from the press, the maiden essay of one of the most distinguished naturalists of any country, John Ray. The *Catalogus circa Cantabrigiam* was afterwards followed by Dr. Christopher Merrett's *Pinax,* in turn succeeded by Ray's *Catalogus plantarum Angliae.* William Sherard, Leonard Plukenet, James Petiver, Sir Hans Sloane, were contemporaries of Ray. Sherard's endeavours to construct a Pinax on the plan of C. Bauhin ended in the work remaining unfinished at his death; Plukenet published his *Phytographia* and similar works, consisting of plates of new exotics; Petiver in a somewhat similar but more modest scale; whilst Sloane's publications were limited to his Jamaica plants; the collections of many botanists came into his hands, now

forming part of the National collection, and are of untold worth in determining the plants of our early writers.

Ray's *Synopsis* was a most careful account of the British plants he had himself seen growing in the country; first issued in 1690, it reached a second edition six years later, and was in 1724 recast by Dillenius. In this form it remained the standard authority for the plants of our country for quite forty years; Ray's greatest work was, nevertheless, his *Historia plantarum* in three folio volumes. His various botanical productions were drawn up after his own method of classification.

The next noteworthy name we meet with is that of Joseph Pitton de Tournefort, the practical founder of genera, and therefore in great measure the present system of classification. His *Elémens de botanique*, and the Latin version, entitled *Institutiones*, contain lists of the various species ranked under his genera, which genera were so happily selected, and their essential characters so instinctively seized by their author, that a very large proportion of them were adopted by Linnaeus as they stood. The third great systematist of this period was Rivinus, with whom Ray had some controversy.

In this rapid survey, the remarkable work of Micheli, the *Nova plantarum genera*, a production of singularly acute observation, must not be forgotten.

Dillenius, who had been brought to England by William Sherard, wrote an account of James Sherard's garden at Eltham, entitled *Hortus elthamensis;* the illustrations, as in all his other works, being the production of his own accurate etching. Shortly before his death, he brought out his splendid *Historia muscorum*, the drawings in which are as remarkable for their truth in details, as happy in their showing the habit of each plant. The anatomy of plants was investigated by Grew in this country, and Malpighi in Italy, and their results were issued in the form of valuable folios, with good engravings.

We have now arrived in our rapid survey at the end of the first quarter of the 18th century, and what do we find? Through the activity and enterprise of traders, new exotic plants were almost daily being acquired from various quarters of the globe; from North America and the West Indies, from Africa, India, and the Malay Archipelago, were brought wondrously strange flowers. The Dutch possessions in tropical Asia contributed greatly to the increasing riches of the gardens of the wealthy, and the cultivation of such plants was diligently followed in the Netherlands. From this active centre were issued the early works of the great reformer of natural science and its nomenclature, Linnaeus. The stream of new discoveries bade fair to outpace the descriptive powers of the then-existing botanists; the old systems were overlaid and hidden under the new acquisitions, and the specific names were growing portentously long. The artificial system of Linnaeus served for nearly a century as a means of readily sorting the augmenting stores sent home by the many travellers in search of plants, but one of the greatest benefits he conferred was the methodical arrangement and system of description which he introduced. His first specific names were limited to twelve words, diagnostic of the species, but the splendid advance achieved by the use of a single word as a trivial name was first shown in 1749, in the *Pan suecus,* which forms part of vol. ii. of the *Amoenitates Academicae;* henceforth it became of universal use, and is considered by Mons. Alphonse de Candolle as the greatest boon even Linnaeus bestowed upon natural history. Linnaeus continued the leading master-mind in botany until his death; of his contemporaries we need only mention Albrecht von Haller, with his important *Bibliotheca botanica,* and his imposing folio on the Swiss flora.

The first Linnean flora of Britain was due to that curious individual Sir John Hill, Knight of the Polar Star, who arranged Dillenius's edition of Ray's *Synopsis* in the order of

Linnaeus's system, but without altering the old descriptive names. Hudson published the earliest independent record of our flora, and with his production we may consider the sexual system firmly established in this country. Next in order of time I must mention the splendid *Flora londinensis* of William Curtis; this is noticed in its proper place on page 256.

The results of the voyage of Sir Joseph Banks with Captain Cook in the *Endeavour* unfortunately remain in MS., and are hardly likely now to be published as an independent publication; the death of Solander having occurred before the materials were completely worked up.

At the death of the younger Linnaeus his entire collections and library, with a few unimportant exceptions, were bought by Dr. (afterwards Sir) James Edward Smith, the founder of the Linnean Society. Smith seemed to fancy that by possessing the Linnean treasures, he thereby held the magician's wand, and his judgment on things botanical to be unassailable. This unfortunate assumption was the cause of some things in Smith's life and work that are to be regretted, although he published much that was excellent. He was associated with Sowerby in the production of *English Botany*, issued his *English Flora* in four volumes, and began Sibthorp's *Flora graeca*, the *Prodromus* of that work being entirely due to him. As is well known, Smith's collections now belong to the Linnean Society.

Many local floras were written during the latter part of the eighteenth century, most of them being descriptive, and often containing critical botany. Although descriptive floras of small tracts of country have at the present day almost completely disappeared, yet the minuteness of observation possible when a comparatively small area is surveyed, is favourable to noticing minute differences of plant-form.

At the commencement of the present century, although the Linnean system appeared to be followed by the majority of European botanists, yet the influence of a work published in 1789

was making itself felt in the most thoughtful of botanical students. Antoine Laurent de Jussieu's *Genera plantarum* is the virtual foundation of the views of plant classification now current, and is the offspring of the Tournefortean teaching. During the lifetime of Smith, the Linnean arrangement was stoutly maintained, and any other system decried by him, whilst his ownership of Linnaeus's Herbarium gave weight to his utterances. His views however were strongly controverted by Richard Anthony Salisbury, who greatly aided S. F. Gray in his *Natural Arrangement of British Plants*, a work which had the misfortune to appear much in advance of its time.

Robert Brown and Salisbury were too good observers to rest contented with the Linnean method of classification; but the former gave himself chiefly to observation of the minute parts of plants, and the discrimination of sundry genera; whilst Salisbury was never fairly represented by any productions worthy of his great ability.

The text-book of English Field Botanists for many years was Hooker's *British Flora*, which was indebted to men like William Borrer of Henfield, Wm. Wilson of Warrington, and Joseph Woods for much that was valuable. The insular neglect of continental work, initiated by Smith, was continued to the great detriment of critical botany, until the publication of Babington's *Manual* startled many of the old school into compulsory attention to foreign workers. Critical botany, as shown in the works of Boreau, Grenier and Godron, Koch, and Reichenbach, has since been exaggerated by Alexis Jordan and his followers into an impracticable and futile extreme. Contemporaneously with this species of discrimination, the development-history of the various plant organs was pursued on the continent by Schleiden, Hugo von Mohl, and others, and has been energetically prosecuted by Sachs and a multitude besides. Schleiden's cell-theory marked an important epoch in botany, whilst the next great impulse was given by

Charles Darwin in those observations which have rendered his name so widely known; Darwinism being almost the only form of English thought which is prevalent abroad.

Systematic botany is not neglected in modern days, as testified by MM. de Candolle's *Prodromus*, followed up by the *Monographiae*. Another work of the highest importance, which is now drawing near its completion, is the *Genera plantarum* of Mr. Bentham and Sir J. D. Hooker. Drawn up chiefly from the plants themselves, and not merely a compilation from other authors, it must remain for a long time to come the standard authority in the botanical world, as regards genera and their sequence.

Local floras are more than ever abundant. The *Flora australiensis*, by Mr. Bentham, is a complete account of the vegetation of a far larger district than has previously appeared. The floras of *British India* and of *Tropical Africa* are likewise in progress, under the supervision of the Director of the Royal Gardens, Kew, who is keenly alive to the importance of vigorously carrying on such publications, and continuing the activity shown by his father, Sir W. J. Hooker.

Physiological and morphological studies are clearly in the ascendant at this moment, especially on the continent of Europe. Much attention is now being given to the influence of the lower forms of vegetable life upon the higher, upon animals, and upon man himself. Science has now penetrated into schools, and a host of admirable text-books have been provided for teaching purposes, many of them by eminent botanists. Thus the area under observation is both deepened and widened, and offers ample scope for accurate observation and philosophic induction.

"EA JUDICIA MIHI SCRIPSI, NULLO ADFECTU MOTUS, UT NEQUE SECTAE FAVEREM, NEQUE SERVIREM ODIIS. IN MITIOREM QUIDEM PARTEM AMAVI PECCARE, UT MALOS LIBROS SILENTIO, ET BREVITATE JUDICII POTIUS QUAM CONVITIIS PUNIREM: BONOS CUM ALIQUA EXSULTATIONE LAUDAREM, UT PER QUOS EGO PROFECISSEM, QUI MULTUM ADEO MEAE ADDIDISSENT FELICITATI."—HALLER, *Bibliotheca botanica*, pp. xii, xiii.

GUIDE

TO THE

LITERATURE OF BOTANY.

* = Books especially noteworthy.
† = Books given in Pritzel's *Thesaurus*, Ed. 2, but here corrected or added to.
‡ = Books not given in Pritzel.

§ 1.—BIBLIOGRAPHY.

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Trans. by H. Rose, in his Elements of Botany, 1775. There are two Spanish versions, and one German.

Gleditsch (J. G.). Syst. pl. a staminum situ. Berol. 1764. 8°.

‡[Houttuyn (M.).] Handleiding tot de plant- en kruidkunde, benevens eene uitvoerige beschrijving der boomen, planten, husters, kruiden, varens, mossen, bolen, grasplanten volgens het zamenstel van C. L. Amst. [1773]. 14 vols. 8°.

See Pritzel, 5431. Houttuyn here recast Linnaeus's Systema, as much as Willdenow recast the Species Plantarum.

‡Linnaeus (C.) The families of Plants, . . . translated [by R. W. Darwin] from . . . Genera and Mantissae. . . . Lichfield, 1787. 2 vols. 8°.

Mueller (or Miller) (J. S.). Illustratio syst. sexualis Linnaei. Lond. 1779. fol. [Ed. 2.] by M. B. Borckhausen, Francof. 1792 and 1804.

——— Illustration of the sexual system of Linnaeus. Lond. 1779–89. 2 vols. 8°.

Martyn (T.). Thirty-eight plates . . . Linnaeus's system of vegetables. Lond. 1788. 8°.

Cothenius (C. A.). Dispositio vegetabilium . . . a staminum . . . desumta. Berol. 1790. 8°.

‡Rutherford (D.). Characteres generum plantarum. Edinb. 1793. 8°.

Augier (A.). Essai d'une nouvelle classification. Lyon, 1801. 8°.

†Mouton-Fontenille [J. P.]. Tableau des systemes de Botanique. Lyon, 1801. 8°.

Confessedly a translation of Linnaeus's Classes Plantarum, with changes and additions; Pritzel gives the date as 1798.

‡CURTIS (W.). Linnaeus's system of Botany, . . . Lond. [1777.] 4°. [Ed. 2. 1803.]

LINNAEUS (C.). General System of Nature. Ed. W. Turton. Lond. 1802–6. 7 vols. 8°. Vols. v. and vi. Vegetables.

*THORNTON (R. J.). New illustration of the sexual System of Linnaeus, . . . Lond. [1799–1809]. fol.
Needlessly splendid illustrations.

†DARWIN (R. W.) Principia botanica, . . . Newark, 1787. 8°. Ed. 3. 1810.
Ed. 1. was anonymous, and Ed. 2. under initials only.

‡WYBURD (H.). Introduction to the Linnean classification. Lond. 1810. 12°.

‡The Classes and Orders of the Linnaean system of Botany. Lond. 1814–6. 3 vols. 8°.
The illustrations are chiefly from British plants.

‡BICHENO (J. E.). On Systems and Methods in Natural History. Lond. 1827. 4°.

FORSYTH (J. S.). First Lines of Botany. . . . Lond. 1827. 4°.

ALLMAN (W.). Analysis . . . generum plantarum phanerostemonum. Lond. 1828. 4°.
Deals only with European plants.

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‡HARDCASTLE (L.). Elements of the Linnean system. Lond. 1830. 4°. Ed. 2. 1833.

CASTLE (T.). Synopsis of Systematic Botany. Lond. 1833. 4°.

LINDLEY (J.). Nixus plantarum. Lond. 1833. 8°.
German Transl. Nuernb. 1834.

LEES (E.). Affinities of Plants with Man. Lond. 1834. 8°.

‡HORANINOW (P.). Primae lineae systematis naturae. . . . Petrop. 1834. 8°.
Phytologia, pp. 42-105.

‡HELM (T.). Diss. bot. sistens quaestionis de methodo physico historica . . . in botanicam applicanda. Vindob. 1835. 8°.

CASTLE (T.). The Linnean system. . . . Lond. 1837. 4°.

LINDLEY (J.). Introduction to the natural system of Botany. Lond. 1830. 8°. Ed. 3. 1839. "American Edition," by Torrey, 1831. German ed. Nuernb. 1834.

BASKERVILLE (T.) Affinities of Plants. Lond. 1839. 8°.

‡OKEN (L.) Idee sulla classificazione filisofica dei tre regni della natura. Milano, 1840.
Regno vegetale, pp. 23-36.

‡Horaninow (P.) Tetractys naturae, seu systema . . . omnium naturalium. Petrop. 1843. 8°.

‡Francis (G.). Favourites of the Flower Garden. Lond. 1844. 8°.
An introduction to the Natural System, illustrated by garden plants.

Adanson (M.). Histoire de la botanique. . . . Ed. 2 (posthumous). Paris 1864 (printed 1847).

Horaninow (P.). Characteres essentiales familiarum. . . . regni vegetabilis. Petrop. 1847. 8°.

Bunce (D.). Linnean system of Botany. Melbourne, 1851. 8°.

Drummond (J. L.). Natural systems of Botany. Lond. 1849. 8°.
Re-issued about 1852 as Ed. 2.

‡Linnés och Fries systemer. . . . Stockh. 1854. 8°.

Twining (E.). Natural orders of Plants. Lond. 1849–55. 2 vols. fol.
Artistic groups of flowers.

‡[Seringe (N. C.).] Methode naturelle ou de Jussieu. s. l. et a. 4°.
Lithographed facsimile.

Agardh (J. G.) Theoria systematis plantarum. Lond. 1858. 8°.

‡Karsten (H.). Plantarum familiae secundum ordines naturales dispositae. Berol. [1861]. fol.

‡[Arnott (G. A. W.).] Characteristics of most of the Nat. Orders. Glasgow, 1862. 8°.

Hanstein (J.). Uebersicht des natuerlichen Pflanzen-Systems. Bonn, [1867]. 8°.
Lithographed diagrams, on which the relations of the various groups are depicted in the manner of a map.

Clarke (B.). New arrangement of phanerogamous plants. . . . Lond. 1866. fol.

‡——— Systematic Botany and Zoology (incl. new arr. &c.) Lond. 1870. fol.

‡Clos (D.). Classifications botaniques modernes. Toulouse, 1870. 8°.

‡Reichenbach (H. G). Beitraege zur systematischen Pflanzenkunde. Hamb. 1871. 4°.

‡Schluessel. . . . Pflanzen-Gattungen ueber den Linneischen System. Ed. 2. Elbing, 1872. 16°.

‡Kanitz (A.). A Természetes noevényrendszer attekinsése. Kolozvártt, 1874. 8°.
Sketch of the Natural System.

‡Aberle (C.). Vergleichende Zusammenstellung der gebraeuchlicheren Pflanzensysteme. . . . Wien, 1876. 8°.

‡Hallier (E.). Schule dor systematisches Botanik. Breslau, 1878. 8°.

‡Pamart (E.). Resumé de classification botanique. . . . Lille, 1878. 8°.

PRE-LINNEAN BOTANY.

§ 10. BIBLICAL BOTANY.

NEWTON (T.). Herbal for the Bible. . . . Lond. 1587. 8°.
Transl. of L. Lemnius, see Pritzel, Thes. 2, No. 5213.

RUMETIUS (L.). Scripturae sacrae viridarium. . . . Paris, 1826. 8°.

COCQUIUS (A.). Historia . . . plantarum . . . in sacra scriptura. Vlissingae, 1664. 4°.

WESTMACOTT (W.). Theobotanologia. . . . A Scripture Herbal. Lond. 1694. 12°.

URSINUS (J. H.). Arboretum biblicum. . . . Norimb. 1663. 8°. Ed. [4.] 1699. 2 vols. 8°.

CELSIUS (O.). Botanici sacri exercitatio. . . . Upsaliae, 1702. 8°.

HILLER (M.). Heirophyticon. Trajecti ad Rhenum, 1725. 4°.

SCHEUCHZER (J. J.). Physica sacra iconibus illustrata. . . . Augustae Vindel. 1732–5. 5 vols. fol.
Also in French, Physique sacrée, Amst. 1732-7. 8 vols. fol.

ROHR (J. B.). Phytotheologia. . . . Frankfurt, 1740. 8°. Ed. 2. 1745.

CELSIUS (O.). Hierobotanicon. . . . Upsaliae, 1745–7. 2 vols. 8°.
Some copies bear the imprint, Amst. 1748.

GESNER (J.). Phytographia sacra. . . . Tiguri, 1759–63. 4°.
Eleven Theses, each defended by several students, from seven to fourteen in number.

‡HARRIS (T. M.). Natural History of the Bible. (Boston, [U. S.] 1793. 12°. Ed. [2] 1820. 8°.) Lond. 1824. 8°.
The last a reprint of the second American edition.

DUNCAN (J. S.). Botanical Theology. Ed. 2. Oxford, 1826. 8°.

‡FROST (J.). Mustard Tree . . . New Testament. Lond. 1827. 8°.
The author identifies this with *Phytolacca dodecandra.*

†CARPENTER (W.). Scripture Natural History. Lond. 1828. 8°.

‡BUCKHAM (P. W.). Remarks on Phytolacca dodecandra or the Mustard Tree of the Scriptures. Lond. 1829. 8°.

ROSENMUELLER (E.F.K.). Handbuch der biblischen Alterthumskunde. Leipzig, 1830. 8°.

——— The Mineralogy and Botany of the Bible. Edinb. 1840. 12°.
Trans. from the German by T. G. Repp and N. Morren, Veg. Kingdom of Bible, pp. 67-331, and Index.

‡Scripture Garden Walk. Lond. 1832. 8°.
Professes to notice every Biblical plant.

‡Christian Florist. Chelsea, 1832. 16°. Ed. [2.] Lond. 1835.
‡TAYLOR (J.). Bible Garden. Lond. 1836. Ed. 2. 1839.
JOHNS (C. A.). Flora sacra. . . . Lond. 1840. 12°.
CALLCOTT (M.), *née* GRAHAM. Scripture Herbal. Lond. 1842. 8°.
‡ROYLE (J. F.). Identification of the Mustard tree and the Hyssop of Scripture. [Lond.] 1844. 8°.
Further notes will be found in Kitto's Biblical Cyclopædia.

‡YOUNG (J.). Trees and flowers . . . in Scripture. Lond. 1848. 12°.
‡[PRATT (A.).] Plants and Trees of Scripture. Lond. [1851 ?]. 12°.
‡Juvenile Conversations on the Botany of the Bible. Lond. 1851. 12°.
GORRIE (D.). Illustrations of scripture from botanical science. Lond. 1853. 8°.
‡MITFORD (J.). Remarks on the *Sinepi* or Mustard Tree of Scripture. Benhall, 1853. 8°.
BALFOUR (J. H.). The Plants of the Bible. Edinb. 1857. 8°.
‡YOUNG (J.). Scripture Natural History. Lond. [1849]. 18°. Ed. [3. 1859].
The Vegetable Kingdom, pp. 207-262, by A. M. Sargeant, the Vine and the "Palm Tree" are treated of in the Zoological portion of the work.

†BALFOUR (J. H.). Phyto-Theology. Lond. 1851. 8°. Ed. 3. Edinb. 1859.
Ed. 3 has the title altered to "Botany and Religion";—"Ed. 2, 1863."

‡——— Lessons from Bible Plants. . . . Glasgow [1851 ?] 32°.
Title from coloured wrapper, date also given as [1870].

‡——— The Plants of the Bible. Lond. 1857. 8°.
CULTRERA (P.). Flora biblica. . . . Palermo, 1861. 8°.
‡Botanique biblique, . . . Genève, 1861. 12°.
BLESSNER (G.). Flora sacra. New York, 1864. 8°.
‡TRISTRAM (H. B.). Natural History of the Bible. Lond. 1867. 12°.
‡DUNS (J.). Biblical Natural Science. . . . Lond. [1863–8]. 4°.
The botanical portion is very scanty.

‡HAMILTON (E.). La Botanique de la Bible. Nice, 1872. 2 vols. 8°.
Photographic illustrations.

‡SMITH (J.). Bible Plants. Lond. 1878. 12°.

DUSCHAK (M.). Zur Botanik des Talmud. Pest, 1870. 8°.

§ 11.—CLASSICAL BOTANY.

‡Wilson (A. S.). Botany of Three Historical Records. Edinb. 1878. 8°.

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‡Unger (F.). Die Pflanzen des alten Aegyptens. Wien, 1859. 8°.

Falconer (W.) Miscellaneous Tracts. . . . Camb. 1793. 4°.

Contains, Tabula plantarum in priscis scriptoribus graecis maxime repertarum: . . . pp. 109-190, with names from C. Bauhin, Linnaeus, Ray, Parkinson, etc.

Langguth (G. A.). Antiquitates plantarum feralium apud Graecos et Romanos. Lips. 1738. 4°.

*Billerbeck (H. L. J.). Flora classica. Leipzic, 1824. 8°.

*Fraas (C.). Synopsis plantarum florae classicae . . . Muenchen, 1845. 8°.

Dumolin (J. B.). Flore poétique ancienne. . . . Paris, 1856. 8°.

Lenz (H. O.). Botanik der alter Griechen und Roemer. . . . Gotha, 1859. 8°.

Daubeny (C. G. B.). Trees and Shrubs of the Ancients. . . . Lond. 1865. 8°.

Meyer (E. H. T.). Damasceni de plantis . . . Aristoteli vulgo adscripti. Lips. 1841. 8°.

Wimmer (F.). Phytologiae Aristotelicae fragmenta. Vratislaviae, 1838. 8°.

‡Fries (E.). Aristotelis Vaextlaera. Upsala, 1842. 8°.

Nocca (D.). Illustratio . . . plantarum . . . in J. Caesaris commentariis. . . . Ticini, 1812. 4°.

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‡Rottboll (C. F.). Anmaerkninger til Cato De Re Rustica . . . Kiobenhavn, 1790. 4°.

Dioscorides (P.). Opera quae extant omnia. Lugd. & Francof. 1598. fol.

This edition has the original Greek, and a Latin Translation, by J. A. Saracen, in parallel columns, and is considered the Editio Princeps. Versions exist in French, Spanish, Italian and German.

Euchholz (J. B.). Flora Homerica. Culm, 1848. 4°.

‡BUCHHOLZ (E.). Die drei Naturreiche nach Homer. Leipzig, 1873. 8°.

This forms Vol. i. Abth. 1 of the author's Homerischen Realien. II. Das Pflanzenreich, pp. 211-285.

PLINIUS SECUNDUS (C.). Historiae naturalis libri XXXVII. (Editio princeps). Venetiis, 1469. fol.

‡——Id. D. Derlefsen recensuit. 1867–73. 5 vols. 8°.

FÉE (A. L. A.). La Botanique de Pline. . . . Paris, 1833. 3 vols. 8°.

Fifty copies printed separately from Panckoucke's ed. of Pliny.

FÉE (A. L. A.). Flore de Theocrite. . . . Paris, 1832. 8°.

THEOPHRASTUS ERESIOS. Opera quae supersunt. . . . Lips. 1818–21. 5 vols. 8°.

About 20 other editions, from 1483 to 1866, of which Stackhouse's edition, Oxon. 1813-14, is perhaps the most unsatisfactory. The Leipzig edition quoted here came under the supervision of H. F. Link and J. G. Schneider.

SCALIGER (J. C.). Commentarii . . . Theophrasti. Lugd. 1566. fol.

——Animadversiones in hist. Theophrasti. Lugd. 1584. 8°.

STACKHOUSE (J.). Illustrationes Theophrasti. . . . Oxonii, 1811. 8°.

[PAULET, J. J.] Examen d'un ouvrage, "Illustrationes Theophrasti. Oxon. 1811. 8°." Melun, 1816. 8°.

‡KIRCHNER (O.). Die botanischen schriften des Theophrast von Eresios. Leipzig, 1874. 8°.

RETZIUS (A. J.). Flora Virgiliana. . . . Lund, 1809. 8°.

FÉE (A. L. A.). Flore de Virgile. Paris, 1822. 8°.

PAULET (J. J.). Flore . . . de Virgile. . . . Paris, 1844. 8°.

‡CLOS (D.). Les Plantes de Virgile. Toulouse, 1872. 8°.

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‡KOCH (K.). Die Baeume und Straeucher des alten Griechenlands. Stuttg. 1879. 8°.

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‡HOGG (J.). Observations on some of the Classical Plants of Sicily. Lond. 1834. 8°.

‡YATES (J.). Acanthus. . . . Lond. 1845. 8°.

TENORE (M.). Dell' Erba Baccara degli antichi. Napoli, 1852. 4°.

DUPPA (R.). Lotus of Antiquity. Lond. 1813. 4°.

DUPPA (R.). Lotus of the Ancients. Lond. 1816. fol.
Only 25 copies printed.

‡[HATCHETT (C.).] On the Spikenard of the Ancients. Lond. [1836]. 4°.

‡OERSTED (A. S.). Et Bidrag til Tydning af den i Oldtiden under Navn af Silfion. . . . [Ferula sp.]. Kjoeb. 1869. 8°.

‡Memoire sur le Silphium cyrenaicum. Paris, 1876. 4°.

‡HERINCQ (F.) La verité sur le prétendu silphium de la cyrenaïque (Silphium cyrenaicum, Saval). Paris, 1876. 8°.

‡Strictures on Sir J. E. Smith's Hypothesis. . . . Lilies of the Field, and the Acanthus of Virgil. Lond. 1819. 8°.

§ 12. EARLY MODERN.

From the revival of learning to the time of LINNAEUS.

Ortus Sanitatis.
Reprinted many times and in various languages. See Pritzel, Thes. 2. 10816-10837.

Le grant herbier. . . . Paris, s. a. 4°.
Other editions, see Pritzel, Thes. 2. 10763.

MEGENBERG (K.). . . . Das puch der natur, . . . Augspurg, [1475]. fol.
Reprinted 1861.

Herbarius. Maguntie, 1484. 4°.
Many subsequent editions.

Liber aggregationis . . . falso Alb. Magno adscriptus. Argent. 1493. 8°.
Other editions.

‡Albertus Magnus De/ virtutibus herbarum./ De virtutibus Lapidum./ De virtutibus Anima/liũ De mirabilibus/ mundi Paruum/ Regimen sani/tatis valde/ vtile. s. l. et a. et typ. 4°.

BARTHOLOMAEUS ANGLICUS. Liber de proprietatis rerum. impr. Koelhoff, 1481. 4°. In English. Lond. 1535. fol.

‡Here begynnyth a newe Mater ye whiche sheweth . . . ye Vertues and Properties of Herbes. . . . Lõdõ by me Richarde Banckes, 1526. 4°.

†C[OPLAND] (W.). A boke of the properties of herbes. Lond. s.a. 8°.

‡A boke of/ the propertys/ of herbes the/ which is/ called an/ Herbal/. Lond. 1546. 8°.

†A Boke of the Propertyes of Herbes, the which is called an Herbal. Imp. at London by me, Johan Scot, dwellynge in Fauster Lane, N.D.

So advertised on coloured wrapper of Phytologist, New Series, Dec. 1857. There is no mention of this edition in Lowndes or other bibliographical authority I know, nor have I seen the book itself.

‡A boke of the Properties of Herbes. Lond. by me Rob. Redman. [1530?] 8°.

‡Id. ,, ,, Rich. Kele. 16°.

Id. ,, ,, me Wyllyam Myddylton, 1546.

‡Id. ,, ,, T. Petyt. 1541. 8°.

‡The Grete Herbal. Lond. 1526. fol.

Lowndes gives the following dates (Bibl. Man. ed. Bohn, p. 1047):
Printed by Peter Treveris, 1525, 1526, 1529.
,, Laurens Andrewe, 1527.
,, Thomas Gybson, 1539.
,, Jhon Kynge, 1561.

Barbarus (H.). Castigationes Plinianae. Romae, 1492. fol. (first part). Complete, Basil. 1534. 4°.

Noteworthy as an early criticism upon classical authority.

*——— Corollarii in Dioscoridem. Venetiis, 1516. fol. Coloniae, 1530. fol.

Herbarum, Arborum . . . . Imagines. . . . Francof. 1522. 4°.

Herbolario volgare. Venetia, 1522.

*Brunfels (O.). Herbarum vivae eicones. . . . Argent, 1530. fol.

May be regarded as the first product of an actual investigation of the plants themselves, after the revival of Western learning; the woodcuts are large and characteristic.

Champier (S.). Campus Elysius. . . . Lugd. 1533. 8°.

——— (or Campegius). Hortus Gallicus pro Gallis in Gallia scriptus. Lugd. 1533. 8°.

Cordus (E.). Botanologicon. Coloniae, 1534. 12°.

Amatus Lusitanus, Index Dioscoridis. . . . 1536. fol.

Egenolph (C.). Herbarum imagines vivae. Francoforti, 1536. 4°.

*Ruellius (J.). De natura stirpium . . . Paris, 1536. fol.

Four subsequent editions.

*Turner (W.). Libellus de Re Herbaria novus. Lond. 1538. 8°.

Privately reprinted in facsimile, 1877, 4to., by B. D. Jackson. The earliest English work on Botany.

Dorstenius (T.). Botanicon. . . . Francofurti, 1540. fol.

*FUCHS (L.). De historia stirpium. . . . Basileae, 1542. fol.

It would be difficult to overpraise the noble full-page woodcuts in this work; they are mostly life-size. The portraits of the draughtsmen and engraver are given at the end of the work.

——— De stirpium historia . . . exiguam formam. . . . Basileae, 1545. 8°.

Reduced copies from the folio of 1542, and reversed in the engraving.

FUCHS (R.). De plantis antea ignotis. . . . Venetiis, 1542. 12°.

The author of this must not be confounded with *Leonhard* Fuchs.

FUCHS (L.). New Kreuterbuch. Basell, 1543. fol.

Three French versions and one Dutch.

CORNARIUS (J.). Vulpecula excoriata. Francofurti, 1545. 4°.

One of the violent attacks common to the period; it is an onslaught upon Leonard Fuchs, whose name is played upon in the title.

*TURNER (W.). The names of herbes. . . . Lond. [1548.] 8°.

‡ASCHAM (A.). A little Herball. . . . Lond. 1550. 12°.

*TRAGUS (H.), *i.e.* BOCK. De stirpium. . . . Argent. 1552. 2 vols. 4°.

Translated from the German by David Kyber. The outline figures on wood are characteristic and good.

——— . . . Imagines omnium herbarum. . . . Strasburg, 1553. 4°.

AMATUS LUSITANUS. In Dioscoridis . . . enarrationis. . . . Venet. 1553. 4°. (Many later editions.)

*MATTIOLI (P.). Pedacii Dioscoridis de materia medica . . . commentariis. Venetiis, 1554. fol.

About 15 editions in Latin, and as many in Italian, German, French and Bohemian. The Latin editions of 1569 and 1583 are remarkable for the magnificent woodcuts which adorn them.

GESNER (C.). De raris et admirandis herbis. . . . Tiguri, 1555. 4°. Ed. 2, by T. Bartholin. Hafn. 1669. 8°.

*LONITZER (A.). Kreuterbuch. . . . Frankfurt, 1557. fol.

About twenty later editions.

ANGUILLARA (L.). Semplici. . . . Venegia, 1561. 8°.

In Latin, edited by C. Bauhin, Basil. 1593. 8°.

*CORDUS (V.). Annotationes. Argent. 1561. fol.

With preface, etc., by Conrad Gesner.

BULLEYNE (W.). The Booke of simples. . . . Lond. 1562. fol.

Forms the first part of his "Bulwarke of defēce."

COSTEO (G.). De universali stirpium natura. Aug. Taur. 1578. 4°.

*LYTE (H.). A niewe Herball. . . . Lond. [Antw. pr.] 1578. fol.

Also in 1586, 1595, 1619, without figures. A translation of Clusius's French version of Dodoens's Cruydeboeck, 1563. Lyte's own copy is in the British Museum, the additional notes being in red ink, and the handwriting beautifully precise and regular.

DURANTE (C.). Herbario nuovo. . . . Roma, 1585. fol.

*[DALECHAMPS (J.).] Historia generalis pl. Lugd. 1587. 2 vols. fol.

Quoted by later writers as "Hist. Lugd." There is also a French version, Lyon, 1615.

CAMERARIUS (J.). Hortus medicus. Franc. 1588. 4°.

——— Icones, (same date, almost always included with the above.)

THALIUS (J.). Sylva Hercynia. Francof. 1588. 4°.

Printed with Camerarius, Hortus medicus.

*TABERNAEMONTANUS (J. T.). Neuw Kreuterbuch. . . . Frankf. 1588. fol.

About five later editions came out.

*——— Eicones plantarum. . . . Francof. 1590. obl. 4°.

These figures are the same as in the Kreuterbuch, but printed two on a page with names only; the same blocks were afterwards hired (?) by Norton for Gerard's Herbal, 1597.

EGENOLPH (C.). Plantarum, arborum, fruticum, et herbarum, effigiis. Francofurti, 1562. 4°.

†ORTA (G.). (In Latin AB HORTO). Coloquios dos simples. . . . Goa, 1563. 4°.

Transl. Latin by Clusius, Antw. 1567. 8°. (4 eds.) English. Lond. 1577. A very rare book, the author's name is given by Dryander and Pritzel as "del Huerto."

‡MAPLET (J.). A greene Forest. . . . Lond. 1567. 8°.

"The second Booke of the Aegemonie or chiefest vertues in all the whole kinde of Plants, and of his parts, as of Herbs, Trees and Shrubs."—pp. 24-60.

‡[DU GORT]. L'Histoire et pourtrait des plantes, . . . Lyon, 1561. 12°.

*TURNER (W.). A newe Herball. . . . Part I. Lond. 1551. fol. Part II. Collen, 1562. Part III. Collen, 1568.

With the third part was issued a revised edition of Parts i. and ii.

CORDUS (V.). Stirpium descriptionis lib. 5^{tus}. Argent. 1563. Revised ed. Norimb. 1751. fol.

CAJUS (J.). De . . . stirpium. . . . Lond. 1570. 8°.

*PENA (P.), & M. LOBELIUS. Stirpium adversaria nova, . . . Lond. 1570. fol.

Reissued Antw. 1576; again with Adversariorum altera pars. Lond. 1605.

LOBELIUS (M.), *i.e.* DE L'OBEL. Plantarum seu stirpium historia. Antw. 1576. fol.

*——— Icones. Antw. 1581. obl. 4°.

Again in 1591, with Index in seven languages.

*CAMERARIUS (J.). De plantis Epitome. . . . Francof. 1586. 4°.

An abridgment of Matthiolus, with Gesner's excellent figures.

*COLUMNA (F.), *i.e.* COLONNA. *Phytobasanos.* Neapoli, 1592. 4°.

The first plates on copper, etched by the author himself. Another edition, with *copies* of the original plates, came out, Mediolani, 1744, sm. fol.

*GERARD (J.). The Herball. Lond. 1597. fol.

[Ed. 2.] Enlarged and amended by Thomas Johnson, 1633, and 1636, both being line for line the same. By far the most popular of our old Herbals.

*MATTHIOLUS (P. A.), *i.e.* MATTIOLI. Opera, quae extant omnia. Basiliae, 1598. fol.

Edited by C. Bauhin; best complete edition.

*CLUSIUS (C.). Rariorum plantarum historia. Antw. 1601. fol.

Includes the Hispania and Pannonia, with some additions.

†FRAGOSO (J.). Aromatum, fructuum et simplicium . . . Argent. 1601. 8°.

Also a Latin version, Discursos, Madr. 1572. 8°.

CESALPINI (A.). De plantis lib. XVI. Florentiae, 1583. 4°. Appendix. . . . Romae, 1603. 4°.

This is the celebrated production which first defined a rational system of arrangement.

*RENEALMUS (P.). Specimen historiae plantarum. Paris, 1611. 4°.

Illustrated by etchings, which admirably express the habits of the plants depicted.

BRY (J. T.). Florilegium novum. [Oppenheim], 1612. fol.

SWEERT (E.). Florilegium. . . . Francof. 1612. fol.

Five subsequent editions; containing rough woodcuts.

PASSAEUS (C.), *i.e.* DU PAS. Hortus floridus. Arnhemii, 1614[–17]. obl. 4°.

‡——— A garden of Flowers. . . . Utrecht, 1615. obl. fol.

*DODONAEUS (R.), *i.e.* DODOENS. Stirpium hist. pemptades sex. Antw. 1583. fol.

Revised edition in 1616. This last is that quoted by Linnaeus in his Species Plantarum, chiefly for figures of European plants.

*COLUMNA (F.). *Ecphrasis.* Romae, 1616. 4°.

An earlier edition is stated to exist (1606), but I have not seen it; this work (also the Phytobasanos) is much sought after, on account of the beautifully executed plates.

PASSAEUS (C.). Cognoscite lilia. . . . s. l. & a. 4°.

99 plates with names in Latin, French, English and German.

*BAUHIN (C.). Pinax theatri botanici. Basiliae, 1623. 4°. repr. 1671.

One of the most celebrated books of the early botanists; it is a synonymic list of the entire number of plants then known. Linnaeus quotes it throughout his Species Plantarum.

ALPINUS (P.). De plantis exoticis. . . . Venet. 1627. 4°.

‡[JOHNSON, T.] Woodcuts of Plants. [Lond. *circa* 1640.] fol.

These are asserted by C. Merrett in a MS. note in the British Museum copy, to have been engraved for a book of Johnson's which never came out.

LANGHAM (W.). Garden of health. Lond. 1579. 4°. Ed. 2. 1633. 4°.

*PARKINSON (J.). Paradisus terrestris. . . . Lond. 1629. fol. Repr. 1656.

An ample account of the ornamental plants in the gardens of the period.

*——— Theatrum botanicum. . . . Lond. 1640. fol.

*JOHNSON (T.). Opuscula omnia botanica. . . . Lond. 1847. 4°.

A reprint of this writer's little books, edited by T. S. Ralph.

BESLER (M. R.). Gazophylacium. Lips. 1642. fol.

*BAUHIN (J.), & J. H. CHERLER. Historia plantarum universalis. Ebroduni, 1650–1. 3 vols. fol.

Good descriptions of the whole of the then-known plant-world. The work came out after the death of the authors, under the care of Chabraeus, and suffered considerably thereby.

CULPEPER (N.). The English Physitian enlarged. Lond. 1653. 8°.

Many subsequent editions, amongst them one in Welsh, Caermarthen, 1818, 12°.

CAMPI (B. & M.). Spicelegio botanico. . . . Lucca, 1654. 4°.

LOBELIUS (M.). Stirpium illustrationes. Lond. 1655.

Edited by W. How from Lobel's papers, with notes by the editor constituting a most vindictive attack upon Parkinson.

PANCKOW (T.) Herbarium portatile . . . Berlin [1654.] 4°. Leipzig, 1656. 4°.

‡TOULOUSE (G.). Livre de Fleurs. . . . Mont Pelier, 1656. 4°.

*COLES (W.). Art of simpling. Lond. 1656. 12°.

*——— Adam in Eden. Lond. 1657. fol.

DUNSTALL (J.). A booke of flowers. . . . Lond. 1661.

‡[STENT (P.)] ? A Book of Flowers, Fruicts, . . . etc. Lond. 1661. fol.

JONSTON (J.). Dendrographias. . . . Francofurti, 1662. fol. Ed. 2 (title altered to "Hist. nat. de arboribus"), 1768. 2 vols.

AMBROSINI (G.). Phytologiae. . . . Bonon. 1666. fol.

MORISON (R.). Praeludia botanica. I. Hortus regius Blesensis, II. Hallucinationes Caspari Bauhini in Pinace. Lond. 1669. 12°.

‡ROBERT (N.). Variae ac multif. Florum species appressae ad Viuum et aeneis tabulis incisae. Paris [1670?]. 4°.

Thirty-one plates with the plants arranged alphabetically according to their Latin names. I have only seen the copy which Linnaeus possessed, now in the Library of the Linnean Society.

FRANKE (G.). Lexicon vegetabilium usualium. Argent. 1672. 12°. Ed. 4. 1705. (Also 6 eds. in German.)

GREW (N.). Phytological history. Lond. 1673. 8°.

AMMANN (P.). Suppellex botanica. Lipsiae, 1675. 8°.

*ZANONI (G.). Istoria botanica . . . degl' antichi. . . . Bologna, 1675. fol.

DODART (D.). Histoire des plantes. Paris, 1676. fol.

CHABRAEUS (D.), *i.e.* CHABREY. Stirpium icones. 1677. fol.

The figures from J. Bauhin's Hist. Pl. without the text.

Histoire des plantes. . . . Lyon, 1683. 2 vols. 8°.

Seven later reprints.

TIL-LANDZ (E.). Icones novae. . . . Aboae, 1683. 8°.

TURRE (G.). Historia plantarum. . . . Patavii, 1685. fol.

NEWTON (J.). Enchiridion universale plantarum. [Lond. *circa* 1689.] 8°.

No title-page; see Dryander, Bibl. Banks, iii. 37.

ALDROVANDUS (U.). Dendrologiae naturalis. . . . Bonon. 1668. fol. Ed. 3. Francof. 1690.

RIVINUS (A. Q.). Introductio generalis in rem herbariam. Lips. 1690. fol. Ed. 3. 1720. 12°.

The third edition has a reply to the attack made on Rivinus's views by Dillenius.

——— Ordo plantarum . . . monopetalo. Lips. 1690. fol.

——— ,, ,, . . . tetrapetalo. Lips. 1691. fol.

——— ,, ,, . . . pentapetalo. Lips. 1699. fol.

——— Icones plantarum . . . hexapetalo. (Lips. *circa* 1760.) fol.

‡WAGENITZ (M. E.). Disp. botanico-physica de plantis in genere. . . . Servestae, [1691]. 4°.

PECHEY (J.) Compleat Herbal. . . . Lond. 1694. 8°.

CUPANI (F.). Hortus Catholicus. Neapoli, 1696–7. 4°.

ZWINGER (T.). Theatrum botanicum. . . . . Basel, 1696. fol. [Ed. 2.] 1744.

*MORISON (A.). Plantarum historiae universalis. . . . Oxon. 1680–99. 2 vols. fol.

Vol. i. containing trees and shrubs was never printed. Vol. iii. was edited after Morison's death, by J. Bobart.

*RAY (J.). Historia plantarum. . . . Lond. 1686–1704. 3 vols. fol.

A complete enumeration of the plants then known, aided by lists from W. Sherard and others. A work of great labour and judgment.

*PETIVER (J.). Opera. . . . Lond. 3 vols. fol. Consisting of Musei Petiveriani Cent. I.–X. Lond. [1692–1703]. 8°. Gazophylacii. . . . decades X. Lond. 1702–9. 2 vols. 8°. and fol.

*TOURNEFORT (J. P. de). Elemens de botanique. . . . Paris, 1694. 3 vols. 8°. Ed. 2 by Ant. de Jussieu & N. Jolyclerc. Lyon, 1797. 6 vols. 8°.

FALUGI (V.). Prosopopeiae botanicae. . . . Rivini. . . Florentiae, 1697–9. 12°.

——— ,, . . . Tournefortiana, ,, 1705. 12°.

*TOURNEFORT (J. P. de). Institutiones rei herbariae. Paris, 1700. 3 vols. 4°. Ed. 3. by Ant. de Jussieu, Lugd. 1719.

Little more than a Latin version of the "Elemens."

*RUDBECK (O.). Campi Elysii, liber 2dus. . . . Upsala, 1701. fol.

——— ,, ,, liber 1mus. Upsala, 1702. fol.

Both volumes rare, the second extremely so, the bulk of the impression having perished by fire in the Cathedral of Upsala; there is a good copy in the Sherardian Library at the Botanic Gardens, Oxford, which is believed to be unique in its completeness.

MUNTING (A.). Phytographia curiosa. Lugd. Bat. 1702. fol.

TOURNEFORT (J. P. de). Corollarium Institutionum rei herbariae. Paris, 1703. 4°.

Twice reprinted.

COMMELIN (C.). Praeludia botanica. . . . Lugd. Bat. 1703. 4°.

Another impression in 1715.

CLERICUS (J.), *i.e.* LE CLERC. Physica. . . . (Lib. 4 de plantis . . .) Ed. [3. ?] Cantab. 1700. 12°. Ed. 6. 1705.

De plantis, pp. 210-238, in both these editions.

SALMON (W.). Botanologia. . . . Lond. 1710–1. 2 vols. fol.

ZANNICHELLI (G. G.). Cat. plantarum terrestrium et marinarum. Venetiis, 1711–2. 8° ?

KAEMPFER (E.). Amoenitatum exoticarum. . fasciculi V, . . Lemgoviae, 1712. 4°.

GARIDEL (P. J.). Histoire des plantes. Aix, 1715. fol.

*PLUKENET (L.). Opera omnia botanica. . . . Lond. 1720. 4 vols. 4°.

The included works are—I. Phytographia, 1691-96. II. Almagestum, 1696. III. Mantissa, 1700. IV. Amaltheum, 1705.

For an Index, see Giseke, § 8. The plants are in the Sloane Collection.

MAGNOL (P.). Novus character plantarum. . . . Monsp. 1720. 4°.

‡[KLEIN, J. T.]. Fasciculus pl. rar. et exot. [Gedani], 1726. 8°.

MARTYN (J.). Historia plantarum rariorum. Lond. 1728. fol.

German ed. 1752.

*MICHELI (P. A.). Nova plantarum genera. . . . Florent. 1729. 4°.

"Oculatissimus Michelius," is the expression used by Linnaeus, concerning the author of this admirable book.

‡TOURNEFORT (J. P. de). The Compleat Herbal. Lond. 1716–30. 4°.

Translation ascribed to J. Martyn.

‡[LA SERRE] Catalogue des plantes d'usage. . . . [Paris, 1730?] 12°.

The only copy known to me wants the title-page; it commences with page 1, as above, and Linnaeus has written, "La Serre, Hortus plantarum officinalium privatus parisiis." It quotes Boerhaave's Index alter, 1720, so must be somewhat later than that.

‡MARTYN (J.). A History of rare plants. . . . Lond. 1728, 1729, 1732. 8°.

Separate titles and register, with continuous pagination.

[AA (P. VAN DER)]. Icones arborum, fruticum et herbarum. . . . Lugd. Bat. [1703]. obl. 4°.

ZANNICHELLI (G. G.). Historia delle piante . . . a Venezia . . . Venezia, 1735. fol.

Posthumous, edited by G. J. Zannichelli, the son.

†MICHELI (P. A.). Icones Plantarum marinarum (60). [Florence, 1736?] fol.

Not published, the work being incomplete when the author died; I have seen sets in the Banksian and Linnean Society's Libraries. The majority of the figures are of Coral, comparatively few of plants. G. Targioni-Tozzetti published three of the plates with text in 1826.

*BLACKWELL (E.). A curious herbal. . . . Lond. 1737–9. 2 vols. fol.

Edited also by C. J. Trew, 1750-73, under the title of "Herbarium Blackwellianum."

SIEGESBECK (J. G.). Botanosophia verioris brevis sciagraphia. . . . Petrop. 1737. 4°.

——— Vaniloquentiae botanicae specimen. . . . Petrop. 1741. 4°.

Attacks upon Linnaeus and his system, which caused him great annoyance.

*Zanoni (G.). Rariorum stirpium historia. . . . Bonon. 1742. fol.

‡Curioser Botanicus, oder: Sonderbahres Kraeuterbuch. . . . Dresd. 1743. 8°. (Bibl. Kew.)

*Weinmann (J. W.). Phytanthozaiconagraphia. . . . Ratisb. 1737–45. 4 vols. fol.

*Gesner (C.). Opera botanica. Norimbergae, 1751–71. fol.

Issued by C. C. Schmiedel, from the original wood-blocks prepared by Gesner for his "Historia plantarum;" the death of Gesner prevented the completion of the task. The woodcuts, after being used by many authors, were finally utilized as above; see Pulteney, Sketches, vol. i. 160-162.

Newton (J.). A Compleat Herbal, . . . Lond. 1752. 8°. Ed. 2. 1798, with portrait of author.

Small figures on copper, many on each page.

‡A New Medicinal, Economical, and Domestic Herbal. Lond. 1809? 8°.

This was advertised as "the letterpress descriptive of Newton's Herbal" in 1809; but I have not succeeded in finding the book itself.

Alston (C.). Tirocinium botanicum Edinburgense. Edinb. 1753. 12°.

Transl. A dissertation on Botany. . . . Lond. 1754. 8°.

*‡Petiver (J.). Opera. . . . Lond. 1767. 2 vols. fol.

This edition of the reprint has the name of James Empson, British Museum, as editor on the title-page, and on verso of title a request by the publisher, Millan, of any information as to Petiver's life.

Phelsum (M.). Explicatio partis IV. Phytographiae L. Pluc'neti. Harlingae, 1769. 4°.

*‡Weinmannus redivivus, emendatus et illustratus, . . . Recueil. . . . Augsbourg, 1787. 4 vols. fol.

Rudbeck (O.). Reliquiae Rudbeckianae, . . . Lond. 1789. fol.

Impressions from certain wood-blocks which came into the hands of Sir J. E. Smith, the editor, with the collections and library of Linnaeus.

†Fuchs (L.). Histoire générale des plantes et herbes, avec leurs propriétés hygieniques et médicinales. Lons-le-Saunier. 1862. 32°.

Professes to be brought up to the modern level.

‡Albertus Magnus. Ausfuehrliches Kraeuterbuch. . . . Reutlingen, 1871. 16°.

Saur (J.). Botanologia astrologia. . . . Erffurdt, 1631. 4°.

Lovell (R.). Pambotanologia. . . . Oxford, 1659. 8°. Ed. 2. 1665.

Chiefly astrological.

§ 13. INTRODUCTORY WORKS.

Chiefly Structural.

GREW (N.). The anatomy of vegetables begun. Lond. 1672. 8°.
Translated into Latin, French and Italian.

——— The comparative anatomy of trunks. Lond. 1675. 8°.

*MALPIGHI (M.). Anatome plantarum. . . . . Lond. 1675–9. 2 vols. fol.

*GREW (W.). The anatomy of plants. Lond. 1682. fol.
Three of the author's smaller and earlier works are here reprinted.

PETIVER (J.). Rudiments of Botany. Lond. [1712?]. fol.

VAILLANT (S.) Sermo de structura florum, . . . Lugd. Bat. 1718. Repr. 1727 and 1728.
Printed in French and Latin, the pages facing; this book is believed to have suggested the sexual system to Linnaeus.

[EHRHARD (B.).] Botanologiae Juvenilis Mantissa, . . . Ulmae, 1732. 8°.

‡JAEGER (C. A. A.). Theses *phytologikai* continentes Fundamenta rei Herbariae. . . . Wirceburgi, [1742]. 4°. (Bibl. Banks.)

PARSONS (J.). Microscopical Theatre of Seeds. . . . Lond. 1745. Vol. i. 4°. (All published.)

‡MILLER (J.). Proposals for . . . 100 prints . . . Insects and plants. [Lond.] No. i. 10 June, 1759. fol. (Bibl. Kew.)
? All issued.

‡[PLUCHE (N. A.).] Spectacle de la Nature; or, Nature Display'd. . . Ed. 8. Lond. 1754–63. 7 vols. 8°.
Transl. from the French, by Humphreys; the little that relates to Botany will be found in vols. i. and ii.

‡BROOKES (R.). Natural History of Vegetables. Lond. 1763. 12°. Ed. 2. 1772.
Forms vol. vi. of the author's System of Natural History.

MILNE (C.). Institutes of Botany. . . . Lond. 1771–2. 4°.
Unfinished.

STILLINGFLEET (B.). Miscellaneous Tracts. . . . Lond. 1759. 8°. Ed. 3. 1775.

ROSE (H.). Elements of Botany. Lond. 1775. 8°.

MEERBURGH (N.). Afbeeldingen van zeldzaame gewassen. Leyden, 1775. fol.

IMBERT [F.]. Leçons de Botanique. "en Hollande." [Avignon] 1762. 12°.

A satire directed against Imbert. The authors were Cusson, Gouan, Crassous, and Réné.

‡HILL (J.). Beschreibung der aeusserlichen Theile der Pflanzen oder . . . Einleit. in die Botanik. Leipzig, 1781. 8°.

‡A short attempt to recommend the study of botanical analogy . . . Lond. 1784. 8°.

*BUTE (JOHN STUART, Earl of). Botanical Tables. [Lond. 1785.] 9 vols. 4°.

Twelve copies printed for use of the author's friends. See Dryander, Bibl. Banks. iii. 139; Pritzel, Thes. Ed. 2. 1404; and Gardeners' Chronicle, Dec. 20, 1879, pp. 796-7.

MARTYN (T.). Elements of Botany by J. J. Rousseau. . . . Notes and additions. Lond. 1785. Ed. 2. 1787.

ALYON (P. P.). Cours de Botanique. . . . Paris, 1787–88. fol.

BATSCH (A. J. G. K.). Anleitung zur Kenntniss und Geschichte der Pflanzen. Halle, 1787-8. 2 vols. 8°.

DONOVAN (E. O.). Minute parts of plants. Lond. 1789–90. 4°.

‡BERKENHOUT (J.). Letters . . . to his son. Cambr. 1790. 8°.

Chiefly botanical.

WEISS (F. W.). Vorbereitung . . . in den Grundkenntnissen der Botanik. Goett. 1781. 8°.

*EHRHART (F.). Beitraege zur Naturkunde. . . . Hannover, 1787–92. 7 vols. 8°.

SAUNDERS (S.). Short and easy Introduction. . . . Lond. 1792. 8°.

‡Historisch-physiologische Naturgeschichte der Pflanzen. Gotha, 1792. 8°.

*†[LA TOURRETTE (C. de), & F. ROZIER.] Démonstrations élémentaires de Botanique. Lyon, 1766. 2 vols. 8°. Ed. 3, enlarged by J. E. Gilibert. 1787. 3 vols. Ed. 4, 1796, with Atlas of Plates, from Richer (or Richier) de Belleval, Leers, and others. 4 vols. 8°. 2 vols. Plates, 4°.

ANDERSON (J.). Letters on . . . Natural History. Madras, 1793–96. 8°.

‡BROCCHI (G.). Trattato delle piante odorifere. Bassano, 1796. 8°.

AMBODIK (N. M.). Botanicae elementaris fundamenta. Petrop. 1796. 8°.

HOOPER (R.). Structure and economy of plants. . . . Oxford, 1797. 8°.

‡[JACKSON (M. E.).] Botanical Dialogues. Lond. 1797. 8°.

THOMPSON (J.). Botany displayed. . . . Lond. 1798. 4°.

Not completed.

*†THORNTON (R. J.). The Temple of Flora. Lond. 1799. fol.
HULL (J.). Elements of Botany. Manchester, 1800. 8°.
†MAVOR (W.). The Lady's and Gentleman's Botanical Pocket Book. [Lond. 1800.] 12°.
‡MILLIN [de Grandmaison] (A. L.). Élémens d'histoire naturelle. Paris. Ed. 3. 1802. 8°. (Végétaux, pp. 80–247.)
†BESEKE (J. M. G.). Versuch einer Geschichte der Natursgeschichte. Mitau, 1802. 8°.
‡HALL (A. C.). Elements of Botany. Lond. 1802. 8°.
‡CHAISNÈAU (C.). Atlas d'histoire naturelle, . . . Paris [1803]. fol.

Botanique, pp. 14-24.

‡J[ACKSON] (M. E.). Botanical Lectures. By a Lady, altered from Botanical Dialogues. Lond. 1804. 8°.
*CURTIS (W.). Lectures on Botany. Lond. 1805. 3 vols. 8°.
‡DENNSTAEDT (A. W.). Der Botaniker. Ein Handbuch zur Pflanzenkenntniss. . . . Naumb. 1805. 8°.
‡Botanisches Handbuch, oder Kenntniss der vornehmsten Pflanzen, nach den Linne'schen system. Leipzig, 1805. 8°.
*ROUSSEAU (J. J.). La botanique. . . . Paris, 1805. fol.

Drawings by Redouté. Transl. Letters on the Elements of Botany, by T. Martyn. Lond. 1785. 8°. Ed. 8. 1815.

†KOENIG (C). Tracts relating to Botany. Lond. 1805. 8°.
SCHKUHR (C.). Enchiridion botanicum. Lips. 1805. 8°.
‡BERTUCH (F. J.). Tafeln der allgemeinen Naturgeschichte nach ihren drey Reichen. Gewaechs-Reich. Weimar, 1801. 4°. [Ed. 2.] 1806.
‡BATSCH (A. J. G. C.) Einleitung zum Studium der allgemeinen Naturgeschichte. (Abth. ii., Pflanzenreich.) Weimar, 1806. 8°.

With notes and additions by C. C. Haberle.

†Taschenbuch (Taschenkalender) fuer Natur- und Gartenfreunde. Tubingen, 1795–1806. 12°.
MILLER (P.). Miller's Plants. Lond. 1806. fol.

I do not know if more than the first number came out.

THORNTON (R. J.). Practical Botany, . . . (Vol. i.) Lond. 1807. 8°.
‡WOOD (W.). Zoography; . . . Lond. 1807. 3 vols. 8°.

Vol. iii. pp. 1-331, treats of the Vegetable Kingdom.

EWER (S.). Manuale sive Compendium botanices. Lond. 1808. 8°.
‡HAGEN (T. A. von). Kosmologische Geschichte der Natur insbesondere des Mineral- und Pflanzenreichs der Erde. Heidelb. 1808. 8°.

RICHARD (L. C. M.). Démonstrations botaniques. Paris, 1808. 8°.

Translated by Dr. Lindley, Structure of Fruits and Seeds. Lond. 1819. 8°.

‡DEDE (J.). English Botanist's Pocket Companion. . . Lond. 1809. 8°.

*†LEE (J.). Introduction to Botany. Lond. 1760. 8°.
Ed. 2. 1765. Ed. 3. 1776. Ed. 4. 1788. Ed. 5. 1794. Ed. 6. Edinb. 1796. Ed. "4." Lond. 1796. New ed. [? 8] by C. Stewart, Edinb. 1806. Ed. "4" [=9] Lond. 1810, by "J. Lee" the younger.

This was the first introduction to the Linnean system of Botany, published in English, and enjoyed great popularity, as shown by the large number of editions; I have quoted all known to me, as nothing short of doing so could possibly demonstrate the entanglement of statements on the various title-pages. Dr. Thornton edited the 1810 edition, using the name of the son of the author, and in his name writing a dedication, etc., to the great disgust of the owner of the name.

*†THORNTON (R. J.). Botanical Extracts, or Philosophy of Botany. Lond. 1810. 2 vols. fol.

‡TAYLOR (J. P.). Arbores mirabiles: or a description of the most remarkable trees, plants and shrubs in all parts of the world. . . Lond. 1812. 8°.

The fable of the Upas tree appears here in its pristine glory.

‡OSSIPOFF (N.), & S. USCHAKOFF. *Compendium of Botany. . . . and Gardening. S. Peterb.* 1812. 3 vols. 8°.

BARTON (B. S.). Elements of Botany. Philad. 1803. 8°. Ed. ["corrected"]. Lond. 1804. 8°. Ed. 2. Philad. 1812.

THORNTON (R. J.). Elements of Botany. Lond. 1812. 2 vols. 8°.

‡——— Grammar of Botany. . . . Lond. 1811. 12°. Ed. 2. 1814.

Title-page only differs from the last.

WAKEFIELD (P.). Introduction to Botany. . . . Lond. 1796. 12°. Ed. 7. 1816.

In a series of letters. Translated into French, Paris, 1801.

‡A Catechism of Botany; being a pleasing description of the Vegetable Kingdom. By a Friend to Youth. Lond. [1817?]. 12°.

‡MILLAR (J.). Guide to Botany. Edinb. 1818. 8°.

ROOTSEY (S.). Botanical lectures. . . . Bristol, 1818. 12°.

THORNTON (R. J.). Juvenile Botany. Lond. 1818. 8°.

†[EDGEWORTH (M.).] Dialogues on Botany. Lond. 1819. 8°.

‡KNEIFL (R.). Das Pflanzenreich mit systematischer Darstellung. . . Wien, 1819. 8°.

‡GREEN (T.). Universal Herbal. . . . Liverpool, [1816–20]. 2 vols. 4°.

‡EATON (A.). Botanical Exercises. . . . Albany, 1820. 8°.

SPRENGEL (K.). Grundzuege der . . . Pflanzenkunde. Leipzig, 1820. 8°.

Transl. Elements of the philosophy of Plants. Edin. 1821. 8°.

STROUD (T. B.). Elements of Botany. . . . Greenwich, 1821. 8°.

‡TREVIRANUS (G. R.). Biologie. . . . Goett. 1802–22. 6 vols. 8°.

‡Botanical Rambles. Lond. 1822. 12°.

‡The Wonders of the Vegetable kingdom displayed; in a series of letters. Lond. 1822. 8°. Ed. 2. 1824.

†BUTT (J. M.). The Botanical Primer, being an introduction to English Botany, . . . Lond. 1825. 12°.

Pritzel gives the date as 1827, which may have been a reissue.

LOCKE (J.). Outlines of Botany. Boston, 1825. 8°.

†THORNTON (R. J.). Easy introduction. . . . Lond. 1823. 12°. Ed. 2. 1826.

‡Catechismus der Botanik als Anleitung zum Selbststudium dieser Wissenschaft. Leipzig, 1820–6. 3 vols. 8°.

GOETHE (J. W.). Zur Naturwissenschaft. Stuttg. & Tueb. 1817–24. 2 vols. 8°.

Also a French version. Paris, 1837, Atlas in fol.

OKEN (L.). Lehrbuch der Naturgeschichte (Botanik). Jena, 1825–6. 3 vols. 8°.

*SMITH (J. E.). Grammar of Botany. . . . Lond. 1821. 8°. Ed. 2. 1826.

JOHNS (W.). Practical Botany, . . . Lond. 1826. 8°.

DRUMMOND (J. L.). First steps to Botany. Ed. 2. Lond. 1826. 8°.

BINGLEY (W.). Practical introduction to Botany. Lond. 1817. 12°. Ed. 2. 1827.

BUTT (J. M.). Botanical Primer. Lond. 1827. 12°. (*See above.*)

*CANDOLLE (A. P. de). Organographie végétale. . . . Paris, 1827. 2 vols. 8°.

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*L'HERITIER (C. L.). Stirpes novae . . . Paris, 1784–5. fol.

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*TREW (C. J.). Hortus nitidissimus . . . Nuernberg, 1750–86. 3 vols. fol.

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——— Icones pl. officinalium. Cent. I. Halae, 1784. fol.

*LINNAEUS (C.). Systema naturae . . . Lugd. Bat. 1735. large fol. Ed. 2. Stockholmiae, 1740. 8°. Ed. 13. Lips. 1788.
Eds. 1. 2. 6. 10. 12. are genuine, that is, edited by Linnaeus himself. Translated into Dutch, German, French, Swedish, and English; Turton, General syst. Lond. 1806. 7 vols. 8°.

SWARTZ (O.). Nova genera et species . . . Holmiae, etc. 1788. 8°.

*MUELLER (J. S.), *anglice* JOHN MILLER. An Illustration of the sexual system of Linnaeus. Lond. 1779–89. 2 vols. 8°.

*JUSSIEU (A. L.). Genera plantarum secundum ordines naturales disposita . . . Paris, 1789. 8°.
Repr. with notes by Uster, Turici, 1791. 8°

*LINNAEUS (C.). Amoenitates academicae . . . Holmiae, 1749–79. 7 vols. 8°. Ed. 3. Erlangae, 1787–90. 10 vols. 8°.
Theses by students at Upsala, under the Presidency of Linnaeus.

LUDWIG (C. F.). Delectus opusculorum . . . Lips. 1790. 8°.
Writings by Boehmer, Gmelin, the younger Linnaeus, etc.

RETZIUS (A. J.). Observationes botanicae . . . Lips. 1779–91. fol.
Contains some observations of C. Koenig.

SMITH (J. E.). Plantarum icones . . . Lond. 1789–91. fol.
Three fasciculi, chiefly of plants in the Linnean Herbarium.

*SALISBURY (R. A.). Icones stirpium rariores . . . Lond. 1791. fol.

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*SMITH (J. E.). Icones pictae plant. rariorum. Lond. 1790–93. fol.
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BATSCH (A. J. G. C.). Synopsis generum plantarum. Jenae, 1794. 4°.

WILLDENOW (C. L.). Phytographia . . . Erlangae, 1794. fol.

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JOLYCLERC (N.). Phytologie universelle . . . Paris, [1799]. 5 vols. 8°. Atlas, fol.

*THORNTON (R. J.). Select plants. Lond. 1799. fol.

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HAWORTH (A. H.). Miscellanea naturalia . . . Lond. 1803. 8°.
Treats more particularly of Mesembryanthemum, Tetragonia, Portulaca and Saxifraga.

PALLAS (P. S.). Illustrationes . . . Lips. 1803. fol.

*VENTENAT (E. P.). Choix des plantes . . . Paris, 1803. fol.

*MILLER (P.). Gardener's Dictionary. 1731. fol. Ed. 8. 1768. 2 vols. Ed. 9. Posthumous, corrected and enlarged by T. Martyn. Lond. 1797–1804. 4 vols.
Also German, French and Dutch versions.

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*REDOUTÉ (P. J.). La botanique de J. J. Rousseau. Paris, 1805. fol.
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WULFEN (F. X.). Plantarum rariorum descriptiones. Lips. 1805. 4°.

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HEDWIG (R. A.). Genera plantarum . . . Lips. 1806. 8°.
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PERSOON (C. H.). Synopsis plantarum . . . Paris, 1805–7. 2 vols. 8°.

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*JACQUIN (N. J.). Fragmenta botanica . . . Viennae, 1809. fol.

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SPRENGEL (K.). Plantarum . . . pugillus, 1us. et 2dus. Halae, 1813–5. 8°.

SAINT-HILAIRE (A. de). Plants . . . placenta centrale libre . . . et . . . des Paronychiées. Paris, 1816. 4°.

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Edited by C. G. Nees von Esenbeck.

*CANDOLLE (A. P. de). Regni veget. systema naturale. Paris, 1818–21. 2 vols. 8°.

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HOOKER (W. J.). Botanical illustrations . . . Edinb. 1822. fol.

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These 16 theses were issued as the work of as many dummies, whose names appear on the respective title-pages. The entire work is divided into sections, ending sometimes even in the middle of a word, which thus enters into the composition of two theses!

*HUMBOLDT (F. A. von). Nova genera et species . . . Lutet. Par. 1815–25. 7 vols. fol.

*KUNTH (C. S.). Synopsis plantarum . . . Paris, 1822-5. 4 vols. 8°.

FRIES (E. M.). Systema orbis vegetabilis. Pars 1. Lundae, 1825. 8°.

‡RAFINESQUE (C. S.). Neogenyton. . . . 66 new genera . . . [Lexington], 1825. 8°.

HOOKER (W. J.). Exotic Flora. Edinb. 1823–7. 3 vols. 8°.

*REDOUTÉ (P. J.). Choix des plus belles fleurs. Paris, 1827. fol.

KERNER (J. S.). Genera plantarum . . . iconibus illustrata. Stutt. 1811–28. 9 vols. fol.

*LINK (H. F.), & F. OTTO. Icones plantarum selectarum . . . Berol. 1820–8. 4°.

Sylloge plantarum novarum . . . Ratisb. 1824–8. 2 vols. 8°.

EHRENBERG (C. G.). Symbolae physicae . . . Berol. 1828. fol.

Unfinished.

†KERNER (J. S.). Hortus sempervirens . . . Stutt. 1795–1830. 71 parts, fol. max.

Highly-finished coloured drawings, entirely by hand, from various sources; 71 fasciculi were issued, the text to each plate is the only portion printed.

*LA MARCK (J. B. P. A. de M. de). Histoire naturelle des végétaux . . . Paris, 1802. 15 vols. 12°. Ed. 2. 1830.

La Marck was the author of vols. i. and ii., vols. iii.—xv. were written by Brisseau-Mirbel.

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*LINK (H. F.), & F. OTTO. Icones plantarum rariorum . . . Berol. 1828[—31]. 4°.

*REICHENBACH (H. G. L.). Iconographia botanica seu plantae criticae. Lips. 1823-32. 10 vols. 4°.

*SCHOTT (H. W.), & S. ENDLICHER. Meletemata botanica. Vindob. 1832. fol. (60 copies only printed.)

PRESL (C. B.). Symbolae botanicae. Pragae, 1832-3. 2 vols. fol.

‡RAFINESQUE (C. S.). Herbar. Rafinesquianum. Philad. 1833. 8°.

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‡RAFINESQUE (C. S.). Flora Telluriana. Philad. 1836. 8°.

An account of 2000 new or restored genera and species, between 1796 and 1836.

*DON (G.). Dichlamydeous plants . . . Lond. 1831-8. 4 vols. 8°.

Founded upon Miller's Gardener's Dictionary, but never finished; includes Monopetalae excepting Compositae.

DRAPIEZ (A.). Encyclographie du règne végétal. Bruxelles, 1833-8. 6 vols. fol.

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‡RAFINESQUE (C. S.). Sylva Telluriana. Philad. 1838. 8°.

Supplementary to Flora Telluriana.

‡CORINALDI (J.). Notizie storiche della Accademia Valdarnese del Poggio. Pisa, 1839. 8°.

Selections, chiefly Botanical, from vols. i. and ii. of the Memorie Valdarnesi.

‡RAFINESQUE (C. S.). Autikon Botanikon. [Philad. 1840.] 8°.

The British Museum copy, the only one I have seen, is imperfect, wanting all before Cent. vi.

*RICHTER (H. E.). Codex botanicus Linneanus. Lips. 1835. 4°.

The entire botanical works of Linnaeus compressed into one volume.

PETERMANN (W. L.). Index in cod. bot. Linn. Lips. 1840. 4°.

BOISSIER (E.). Elenchus plantarum. Genevae, 1838. 8°. Erfordiae, 1840.

TURPIN (P. J. F.). Iconographie végétale . . . Paris, 1841. 4°.

MIQUEL (F. A. W.). Sertum exoticum . . . Rotterdam, 1842. 4°.

FISCHER (F. E. L.) Enum. pl. a. . . . Schrenck lectarum. Petrop. 1841-2. 8°.

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*JACQUIN (J. F.). Eclogae plantarum rariorum . . . Vindob. 1811–44. 2 vols. fol.

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*DELESSERT (B.). Icones selectae plantarum . . . Paris, 1820–46. 5 vols. fol.

*SPACH (E.). Histoire naturelle des végétaux phanerogames. Paris, 1834–48. 14 vols. 8°.

The Cryptogamic portion never appeared.

*BLUME (C. L.). Rumphia. Lugd. Bat. 1835-48. 4 vols. fol.

A truly splendid production.

*WALPERS (W. G.). Repertorium botanices systematicae. Lips. 1842–8. 6 vols. 8°. (Continued as Annales, see p. 118.)

FIELDING (H. B.), & G. GARDNER. Sertum plantarum. Lond. 1844–9. 8°.

‡FENZL (E.). Nova quaedam genera et species pl. vascularium. Wien, 1849. fol.

*KUNTH (C. S.). Enumeratio plantarum . . . Stuttgardiae et Tuebingae. 1833–50. 5 vols. 8°.

For contents of each volume, see Pritzel, Ed. 2. 4935. The entire work is devoted to Monocotyledons.

*ENDLICHER (S. L.). Genera plantarum . . . Vindob. 1836–50. 4°.

A work of known value, but compiled chiefly from books.

VRIESE (W. H. de). Descriptions et figures des plantes . . . Leide, 1847–51. fol.

BUNGE (A.). Icones plantarum . . . Riga, 1851. fol.

DIETRICH (D. N. F.). Synopsis plantarum . . . Vimariae, 1839–52. 8°.

JORDAN (A.). Pugillus plantarum. Paris, 1852. 8°.

*LINDLEY (J.). Vegetable Kingdom . . . Lond. 1846. 8°. Ed. 3. 1853.

The author's largest and most ambitious venture; the arrangement here given has been but little followed.

JUNGHUHN (F. W.). Plantae Junghuhnianae. Lugd. Bat. 1851–5. 8°.

Bentham, Hasskarl, Miquel, and others were concerned in this.

HUMPHREYS (H. N.). Gallery of exotic flowers. Lond. [1855.] 4°. ?

†DIETRICH (N. F. D.). Flora universalis. Jena, 1831[–56]. fol.

BENTHAM (G.). Plantae Hartwegianae. Lond. 1839–57. 8°.

LEHMANN (J. G. C.). Novarum et minus cognitarum pugillus . . . Hamburgi, 1828–57. (10 parts.) 4°.

TODARO (A.). Nuovi generi e nuove specie di piante . . . Palermo, 1858. 8°.

‡DUCHARTRE (P.). Deux notes. Paris, 1859. 8°.

(1) Crucifère à siliques comestibles. (2) Vanilla lutescens.

‡DUCHARTRE (P.). Deux notes. Paris, 1859. 8°.
(1) Himantophyllum miniatum, Hook. (2) Hybride d'Himantophyllum.

‡SCHULTZ, "Bip. Frat." [F. W. & C. H.]. Commentationes botanicae . . . Neapoli Nemetum, 1859. 8°.

‡MARTIUS (C. F. P. von). Vermischte Schriften botanischen Inhalts . . . Muenchen, 1860. 8°.

‡KANITZ (A.). Reliquiae Kitaibelianae . . . Vindob. 1862–3. 8°.

‡GASPARRINI (G.). Memorie botaniche (3). Napoli, 1863. 4°.

LOSCOS Y BERNAL (F.), & J. PARDO. Series inconfecta plantarum . . . Dresdae, 1863. 8°.
Translated from the Spanish into Latin by M. Willkomm.

‡SCHNIZLEIN (A.). Auswahl vom fremden Pflanzen . . . Erlangen, 1865. 4°.

*LOUDON (J. C.). Encyclopaedia of Plants . . . Lond. 1829. 8°. New ed. [3.] 1866.
Descriptions by Lindley; also a German version.

‡LISA (M.). Icones stirpium horti botanici . . . Torino, 1867. fol.
Drawings of forty plants.

KOTSCHY (T.). Plantae Tinneanae . . . Vindob. 1867. fol.

DUMORTIER (B. C.). Opuscules de botanique. Bruxelles, 1862–8. 8°.

*BROWN (R.). Miscellaneous botanical works. Lond. 1866–8. 8°. Atlas to ditto, 4°. 1868.
Edited by J. J. Bennett, for the Ray Society.

*WALPERS (W. G.). Annales botanices systematicae. Lips. 1848–68. 7 vols. 8°. (Continuation of Repertorium, p. 117.)

‡NEILREICH (A.). Ueb. Schotts Analecta botanica. Wien, 1869. 8°.

‡BAIL (T.). Botanische Abhandlungen. Danzig, 1869. 4°.

SCHNIZLEIN (A.). Iconographia . . . Bonn, 1843–70. 4 vols. 4°.
A plate is devoted to each natural order.

†DUPUIS (A.), F. GERARD, P. REVEIL, & F. HÉRINCQ. Le règne végétal. Paris, [1864–9]. 9 vols. 8°. Atlas, 8 vols. 4°.

‡SCHEFFER (R. H. C. C.). Observationes phytographicae. Batavia, 1872. 8°.

‡NEILREICH (A.). Nachtraege und Verbesserungen. Wien, 1870. 8°.

‡HEURCK (H. van). Observationes botanicae et descr. pl. nov. herb. van Heurck. Anvers, 1870–1. 8°.

*SAUNDERS (W. W.). Refugium botanicum . . . Lond. 1869–72. 8°. Vol. i. Descriptions by H. G. Reichenbach and J. G. Baker. Vol. iii. Descriptions by J. G. Baker.
Vols. ii. and v. are not complete, two parts of each only having been issued.

‡KERNER (A.). Novae plantarum species. Innsbruck, 1870–1. 8°.

‡CESATI (V.). Note botaniche di vario argomenti . . . Napoli, 1872. 4°.

‡PHILIPPI (R. A.). Nuevas plantas . . . en el herbario chileno. Santiago, 1872. 8°.

‡DUMORTIER (B. C.). Opuscules de botanique. Brux. 1873. 8°.

‡SCHOMBURGK (R.). Botanical Papers. Adelaide, 1873. 8°.

*†CANDOLLE (A. P. de, & A. de). Prodromus systematis naturalis regni vegetabilis. Paris, 1824–73. 17 vols. 8°.

For list of the contributing Botanists, see Pritzel, Ed. 2. 1485; the English botanists were G. Bentham (Labiatae, Polemoniaceae, Scrophulariaceae, and Stackhousiaceae), and H. A. Weddell (Urticaceae). An enumeration of the contents of vol. xvii. is here given, supplementing Pritzel's list of vols. i.-xvi.

NAT. ORDER.	AUTHOR.	PAGES.
Artocarpaceae.	E. Bureau.	280-288.
Balanophoraceae.	A. W. Eichler.	117-150, Add. 301, Err. 321.
Batidaceae.	A. de Candolle.	34-35.
Cynocrambeae.	,,	32-33.
Cytinaceae.	J. D. Hooker.	106-116.
Lennoceae.	Solms-Laubach.	37-38.
Moraceae.	E. Bureau.	211-279.
Nepenthaceae.	J. D. Hooker.	90-105.
Phytocreneae.	H. Baillon.	7-26.
Podostomaceae.	H. A. Weddell.	39-89, Add. 301-2.
Salvadoraceae.	A. de Candolle.	27-31.
Sarraceniaceae.	,,	1-6.
Ulmacae.	J. E. Planchon.	151-210.

Dicotyledonearum genera . . . variis causis omissa. 289-299.
Prodromi . . . conclusio. 303-314.
Monita in usu Prodromi advertenda. 315-6.
Errata graviora nondum memorata. 317-321.
Index . . . totius operis, 323-493 (orders, genera, and sections only).
For Index to Species, etc. to vols. i.-xvii. see Buek, p. 13.

LE MAOUT (E.), & J. DECAISNE. Descriptive and analytical Botany. Translated by Mrs. Hooker (from the "Traité général de botanique"). Lond. 1873. 8°.

‡WOOSTER (D.). Alpine Plants. Lond. 1872–4. 2 vols. 8°.

*MIERS (J.). Contributions to Botany . . . Lond. 1851–71. 3 vols. 4°.

‡TRAUTVETTER (E. R. von). Aliquot species novas pl. Petrop. 1875. 8°.

‡GANDOGER (M.). Decades pl. novarum . . . Perpignan, 1875. 8°.
‡——— Plantarum nov. dec. 2. Paris, 1875–6. 8°.
‡PHILIPPI (R. A.). Descripcion de las nuevas plantas . . . Santiago de Chile, 1876. 8°.
*‡STRASBURGER (E.). Die Angiospermen und die Gymnospermen. Jena, 1876. 8°.
‡RODRIGUES (J. B.). Enum. pl. novarum. Rio, 1879. 8°.
*†HOOKER (W. J.). Icones plantarum . . . Lond. 183[6]–41. 4 vols. 8°. New Series, vols. v.—x. 1842–54. Third Series by J. D. Hooker, vol. xi. 1867.→
*BENTHAM (G.), & J. D. HOOKER. Genera Plantarum. Lond. 1862. 8°.→ (See *Introduction* for note of this.)
*‡BAILLON (H.). Histoire des plantes. Paris, 186[6]. 8°.→

The various monographs in each volume are separately issued thus:

Vol. i. (1866-9). Renonculacées, Dilléniacées, Magnoliacées, Anonacées, Monimiacées, Rosacées.

Vol. ii. (1870). Connaracées et Leg. Mimosées. Leg. Caesalpinées. Leg. Papilionacées. Proteacées. Lauracées, Elaeagnacées et Myristicacées.

Vol. iii. (1872). Menispermacées et Berberidacées. Nymphaeacées. Papaveracées et Capparidacées. Crucifères. Resedacées Crassulacées et Saxifragacées. Piperacées et Urticacées.

Vol. iv. (1873). Nyctaginées et Phytolaccacées. Malvacées. Tiliacées, Dipterocarpacées, Chlaenacées et Ternstroemiacées. Bixacées, Cistacées et Violacées. Ochnacées et Rutacées.

Vol. v. (1874). Géraniacées, Linacées, Tremandracées, Polygalacées et Vochysiacées. Euphorbiacées. Terebinthacées et Sapindacées. Malpighiacées et Meliacées.

Vol. vi. (1877). Célastracées et Rhamnacées. Penaeacées, Thymelaeacées et Ulmacées. Castaneacées, Combretacées et Rhizophoracées. Myrtacées, Hypericacées, Clusiacées, Lythrariacées, Onagrariacées et Balanophoracées.

Vol. vii. (1878-80). Melastomacées, Cornacées et Ombellifères. Rubiacées, Valerianacées, Dipsacacées.

‡——— History of Plants. Lond. 1871. 8°.→

Transl. by M. Hartog.

‡BECCARI (O.). Malesia. Genoa, 1877. 4°.→
*‡CANDOLLE (A. de, & C. de). Monographiae phanerogamarum. Paris, 1878. 8°.→

Intended as a Continuation and Revision of certain portions of the Prodromus. Frequently styled "Suites au Prodrome."

Vol. i. Smilaceae, by A. de Candolle, 1-217.
Restiaceae, by M. T. Masters, 218-398.
Meliaceae, by C. de Candolle, 399-752.

Vol. ii. Araceae, by A. Engler.

‡BAILLON (H.). Errorum Decaisneanorum graviorum vel minus cognitorum. [Paris, 1879.] 8°. ?→

GRISEBACH (A.). Bericht ueber d. Leistungen in der geogr. und syst. Botanik. . . . 1851. Berlin, 1854. 8°.

‡GUYON (J. B. G.). Espèces nouvelles en botanique . . . Paris, 1870. 8°.

‡DEVOS (A.). Énum. méthodique des plantes nouvelles . . . 1874. Gand, 1875. 8°.

——— Énum. . . . pl. nouvelles . . . en 1877. Liège, 1878. 8°.

§ 45. LAWS OF NOMENCLATURE.

‡RAFINESQUE-SCHMALTZ (C. S.). Principes fondamentaux de Somiologie, ou les loix de la nomenclature . . . des végétaux . . . Palerme, 1814. 4°.

*CANDOLLE (A. de). Lois de la nomenclature botanique. Paris, 1867. 8°. Ed. 2. Genève, 1867.

——— Laws of Botanical Nomenclature. Lond. 1868. 8°.

——— Regeln der Botanischen Nomenclatur . . . Nach der 2 fr. Ausg. uebersetz. Basel, 1868. 8°.

‡AEHRLING (E.). Studier i d. Linneanska nomenclatur och synonymik. Oerebro, 1872. 8°.

‡CANDOLLE (A. de), & A. COGNIAUX. Quelques points de nomenclature botanique. Gand, 1877. 8°.

‡SAINT-LAGER. Réforme de la nomenclature botanique. Lyon, 1880. 8°.

§ 46. MONOGRAPHS. (PHANEROGAMS.)

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‡Meyer (C. A.). Von dem Nutzen der systematischen Botanik in der Haushaltungskunst. Greifswalde, 1772. 8°.
‡Weitzenbeck (G. A.). Oekonomische Pflanzengeschichte fuer Schule . . . Muenchen, 1787. 8°.
‡Koch (J. E. W.). Botanisches Handbuch fuer deutsche Liebhaber der Pflanzenkunde ueberhaupt . . . Magdeburg, 1792–95. 8°.
‡Mehler (J.). Hauptverzeichniss der funfzig Kupfer der . . . Pflanzen . . . Dresden, 1795. fol.
‡Hedwig (D. Z.). Sammlung seiner zerstreuten Abhandlungen ueber botanisch-oekonomische Gegenstaende. Leipzig, 1794–7. 2 vols. 8°.
‡Trattinick (L.). Abbildungen oekonomische und officineller Pflanzen. Wien, 1812–4. 4°.
Vegetable Substances, used in the Arts, and in Domestic Economy. Lond. 1830–3. 3 vols. 8°.
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Zenker (J. K.). Merkantilische Waarenkunde . . . Jena, 1831–5. 3 vols. 4°.
Dietrich (F. D.). Das Wichtigste aus dem Pflanzenreiche . . . Jena, 1831–8. 4°.
‡Plants of other Lands which are useful to Man. Lond. [1843]. 4°.
Burnett (M. A.). Plantae utiliores. Lond. 1842–50. 4°.
Archer (T. C.). Popular Economic Botany. London, 1853. 8°.
*Simmonds (P.). Commercial Products of the Vegetable Kingdom. Lond. 1853. 8°.
Archer (T. C.). First Steps to Economic Botany. London, 1854. 8°.
‡Dufour (L.). Propriétés des végétaux . . . Lausanne, 1855. 8°.
Hogg (A.). Vegetable kingdom and products. Lond. 1858. 8°.
‡Dexter (T. E.). Animal and Vegetable Substances used in the Arts and Manufactures . . . Lond. 1857. 12°. (Veg. substances, pp. 1–121.) Ed. 2. 1861.
Archer (T. C.). Vegetable Products of the World in common use. London, 1862. 8°.
——— Profitable Plants . . . London, 1865. 12°.
‡Lamatsch (J.). Handbuch der allgemeinen Waarenkunde, aus dem Pflanzenreiche . . . Wien, 1864–7. 8°.
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‡Reichenbach (A. B.). Die Pflanzen im Dienste der Menschheit. Berlin, 1866–7. 3 vols. 8°. Ed. 2. 1868.

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‡Henkel [J. B.]. Die Naturproducte . . . im Welthandel. Erlangen, 1868-9. 2 vols. 8°.

‡Mangin (A.). Les plantes utiles. Tours, 1870. 8°.

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‡The Vegetable Kingdom, or the Produce of the World. Lond. 1875. 4°.

‡Hariot. Les [64] plantes utiles aux gens du monde. Troyes, 1876. 8°.

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‡Cazzuola (F.). Dizionario di botanica applicata . . . Pisa, 1877. 16°.

‡Stahl's grosses illustrirtes Kraeuterbuch. Neu-Ulm, 1877. 8°.

‡Arioli (V. E.). Prontuario delle piante medicinali ed industriali . . . Milano, 1878. 32°.

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The original edition, with similar works intended for Victoria, Australia, are given under the local heading.

‡Brook (R.). New Cyclopaedia of Botany and Complete Book of Herbs: forming a history and description of all Plants, British or Foreign, which are known to be useful to man. Lond. [1868 ?]. 2 vols. 8°.

Part reissued under the title of New Family Herbal, [Ed. 2 ?] 1871. Another ed. as Brook's Popular Botany [1880].→

*‡MARTYN (T.). Flora rustica . . . Lond. 1792–4. 4 vols. 8°.
‡Flora oeconomica, oder naturgetreue Abbildungen aller landwirthschaftlichen Pflanzen. Pirna, 1805. fol.
DARLINGTON (W.). Agricultural Botany. Philad. 1847. 8°.
‡SCHMIDLIN (E.). Abbildung und Beschreibung der wichtigsten Futter- und Wiesenkraeuter . . . Stuttg. 1849. 4°.
‡VOLZ (K. W.). Einfluss des Menschen auf die Verbreitung . . . Kulturpflanzen. Leipzig, 1852. 8°.
‡UNGER (F.). Bot. Streifzuege [i.–ix.] auf dem Gebiete der Culturgeschichte. Wien, 1857-67. 8°.
‡MUELLER (J. L. F.). Die bekanntesten Acker- und Wiesenkraeuter deren Schaedlichkeit und Vertilgungsmittel. Stuttg. 1867. 8°.
‡TERRENI (—.). I coltivabili . . . specie di piante . . . Firenze, 1873. 32°.
‡ROTH (C. W.). Handbuch zur der landw. Pflanzensammlung. Ed. 2. Goettingen, 1874. 8°.
‡FOURCADE (C.). Herbier agricole . . . Luchon, 1874. 4°.

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†JOHNSON (C. P.). Useful plants of Great Britain. Lond. 1862. 8°.
‡LAGERGREN (J.). Svenska matvaexters insamling och foervaring. Stockh. 1880. 12°.
‡SCHOMBURGK (R.). Papers [chiefly economic Botany]. Adelaide, 1873. 8°.

DAVY (H.). Agricultural Chemistry. Lond. 1813. 4°. Ed. [6.] Glasgow, 1844. 8°.
THONIN (A.). Cours de culture . . . des végétaux. Paris, 3 vols. 8°. Atlas, 4°.
‡PETIT-LAFITTE (A.). Principes élémentaires de botanique appliqués à l'agriculture, etc. Bordeaux, 1873. 18°.

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BUC'HOZ (J. P.). Manuel alimentaire des plantes. Paris, 1771. 8°.
‡PARMENTIER [A. A.]. Observations on such nutritive vegetables as may be substituted in the place of ordinary food, in times of scarcity. Lond. 1783. 8°.
Extracted [and transl.] from the French.
BRYANT (C.). Flora diaetetica. Lond. 1783. 8°.
‡An enumeration of the principal vegetables . . . Birm. 1796. 8°.

PHILLIPS (H.). History of cultivated vegetables, etc. Ed. 2. Lond. 1822. 2 vols. 8°.

‡Vegetable Substances; Fruits. Lond. 1829. 8°.

No. 5, Library of Entertaining Knowledge.

‡AULAGNIER (A. F.). Dictionnaire des substances alimentaires . . . Paris, 1830. 2 vols. 8°.

LANKESTER (E.). Natural history of Plants yielding food. Lond. 1845. 12°.

‡Vegetable Substances used for the Food of Man. Lond. 1832. 8°. Ed. [2.] 1846.

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‡YSABEAU (A.). Plantes alimentaires et plantes fourragères. Paris, 1861. 18°.

‡BERNARD (B.). Our common Fruits. Lond. 1866. 8°.

‡Useful plants . . . Food of Man. Lond. 1870. 8°.

‡HEUZÉ (G.). Les plantes alimentaires. Paris, 1873. 8°.

Grain.

‡BOROWSKY (G. H.). Die besten . . . Getreidearten . . . in 100 verschieden Arten . . . Berlin, 1789. 8°.

‡DIETERICH (F. G.). Oekonomisch-botanische Bemerkungen, ueber verschiedene neue Getreidearten, und schaedliche Pflanzen . . . Weimar, 1795. 8°.

‡BABEL (A.). De graminum fabrica et oeconomica. Halae, 1804. 4°.

*KRAUSE (J. W.). Abbildungen und Beschreibung . . . Getreidearten, Leipzig, 1835–7. fol.

‡KOENIG (E. F. C.). Abbildung und Beschreibung der nuetzlichsten Getreidearten . . . Esslingen, 1847. 4°. Ed. 2. 184[7–]8.

‡BURIAN (J. J.). Das Getreide. Wien, 1870. 8°.

‡Die Getreidearten. Ravensburg, 1871. fol.

Two sheets, with descriptive text.

‡BREIHOLZ (H.). Oelgehalt . . . wichtiger Grasfruechte . . . Jena, 1878. 8°.

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‡GÉRARD (—.). Notice sur le froment. . . . sous le rapport botanique . . . Paris, 1845. 8°.

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‡KLIPPART (J. H.). The Wheat Plant. Cincinnati, 1859. 8°.

‡BIDARD (M.). Histoire botanique et agricole du blé . . . Rouen, 1865. 8°.

‡PALEY (F. A.). A Few words on Wheat Ears. Ed. [2 ?] Camb. 1869. 8°.

†CORDIER (F. S.). Les champignons . . . Paris, 1869. 8°. Ed. 4. 1875.

‡BIGNONE (F.). I funghi considerati sotto il rapporto dell' economia . . . Genova, 1880. 4°.

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‡VOGL (A. E.). Nahrungs- und Genussmittel aus dem Pflanzenreiche. Wien, 1872. 8°.

‡——— Les aliments; guide pratique pour constater les falsifications des farines, fécules, cafés, chocolats, thés, épices, aromates, etc. Paris, 1876. 8°.

Transl. by A. Focillon.

Forage Plants.

†CURTIS (W.). General observations on the . . . introduction of the seeds of our best Grasses. Lambeth, 1787. fol.

VOGELI (F.). Flore fourragère. Paris, 1836. 8°.

LECOQ (H.). Plantes fourragères. Paris, 1844. 8°.

MURPHY (E.). Agricultural grasses. Dublin, 1846. 12°.

‡LAWSON (P.) & Son. Treatise on the Cultivated Grasses . . . Edinb. 1850. 4°.

Only 100 copies printed of this Edition.

‡ZACCONE (V. J.). Plantes fourragères . . . Atlas. Thionville, 1862. fol.

‡PERRON (R.). Plantes fourragères les plus connues . . . Paris, 1865. 32°.

‡SCHMIDLIN (E.). Abbildung und Beschreibung . . . Futtergraeser. Esslingen, 1850. 8°. Ed. 2. 1868.

‡PIERRE (J. I.). Etudes . . . de phys. végétale. Vol. ii. Plantes fourragères . . . Paris, 1869. 18°.

‡WITTMACK (L.). Gras- und Kleesamen . . . Berlin, 1870. 8°.

‡FLINT (C. L.). Grasses and Forage Plants. New York, 1857. 8°. Ed. 5. Boston, 1860. Ed. [6 ?] Boston, 1874. 12°.

With illustrations of the various species.

‡CHRISTY (T.). Forage plants . . . Lond. 1877. 8°.→

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‡GUIPOUILLEAU (A.). Le mélilot . . . plantes fourragères . . . Tours, 1864. 4°.

‡CAPPI (G.). Non più mancanza de foraggio, ossia la Penicellaria spicata. Piacenza, 1864. 8°.

‡GILLET-DAMITTE. Le Galéga, nouveau fourrage . . . Paris, 1867. 18°.

‡REYNARD (—.). Le Galéga, nouveau fourrage. Lyon, 1870. 16°.

‡OTTAVI (G. A.). Monografia dei prati artificiale coltivati ad erba medica . . . Ed. 3. Casale, 1879. 16°.

‡Briosi (G.). Tabacchi esteri e di piante forragere . . . Roma, 1879. 4°.

Food-plants of Insects.

‡Brez (J.). La flore des insectophiles . . . Utrecht, 1791. 8°.

*‡Curtis (J.). British Entomology . . . Lond. 1824–39. 16 vols. 8°.
Exquisite drawings of fragments of plants.

‡Wilde (O.). Lepidopterolog.-Botanik. Berlin, 1860-1. 2 vols. 8°.

‡Kaltenbach (J. H.). Die Pflanzenfeinde aus der Klasse der Insekten. Stutt. 1874. 4°.
The plants are arranged in natural orders, and mostly figured.

‡Wilson (O. S.). Larvae . . . Brit. Lepidoptera and their food Plants. Lond. 1877. 8°.→
Drawings by E. Wilson.

‡Wood (J. G.), & T. Wood. Field Naturalist's Handbook. Lond. 1880. 8°.
Lists of plants which flower, and insects which appear in each month.

§ 60. LUXURIES.

‡Cooke (M. C.). Seven Sisters of Sleep . . . Lond. [1860]. 8°.

‡Prescott (H.). Structure, growth, etc. . . . of Hops, . . . and Tobacco. Lond. 1869. 8°.

‡Groenlund (C.). Om Giftplanter; Tobakken, Coca, Areka og Betel. Kjoeb. 1877. 8°.

‡Neostadius (J.). Tobaks planta. Stockholm, 1731. 8°.

‡Erhardt (U.). Der Tabak . . . Heidelb. 1841. 8°.

‡Fairholt (F. W.). Hist. of Tobacco . . . Lond. 1859. 8°.

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‡La Roque (—.). Nachricht vom Cafee und Cafee-Baum. Leipzig, 1717. 4°.
Also at Hannover, 1771. 8°. as Abhandl. vom Caffe, being a translation from his Traité . . . du Café, which was first printed in Voyage . . . l'Arabie, Amst. 1716. 12°. Also in English, Lond. 1726. 12°.

‡Douglas (J.). Arbor Yemensis, fructum Cofé ferens. Lond. 1727. fol. Suppl. 1727.

*Ellis (J.). Historical account of Coffee . . . Lond. 1774. 4°.
In German, Leipzig, 1776.

‡Hofer (F. J.). Abhandl. vom Kaffee . . . Frankf. 1781. 8°.

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†HYDE (T.). Epistola de mensuris et ponderibus serum seu sinensium. Ubi etiam de ingenti MURO qui apud eos, eorumque NOVO ANNO, necnon de Herbae CHA collectione superstitiona . . . Oxoniae, E Theatro Sheldoniano An. Domini 1688. 8°. 20 foll. t. 1. Sig. A to E. (Bibl. Sloane.)

The allusion to the tea-plant will be found on D. iv verso, and E. i. recto.; Pritzel's citation is very faulty.

LETTSOM (J. C.). Natural History of the Tea tree . . . Lond. 1772. 4°. Ed. 2. 1799.

Translated into German and French.

‡HOUSSAYE (J. G.). Der Thee. Quedlingberg, 1844. 8°.

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‡GRIMAUX (E.). Du hachische ou chanvre indien [Cannabis sativa]. Paris, 1865. 8°.

‡FUENTES (M. A.). Mémoir sur le coca de Pérou [Erythroxylon Coca], ses charactères botaniques . . . Paris, 1866. 8°.

Sugar-yielding Plants.

OLCOTT (H. S.). Sorgho and Imphee, the Chinese and African sugar-canes . . . New York, 1857. 8°.

‡PELLON Y RODRIGUEZ (J.). Descr. . . . plantas sacarinas . . . Madrid, 1858. 8°.

‡BOUTON (L.). Rapport . . . sur les diverses espèces de Cannes à sucre . . . Maurice, 1863. 8°.

REID (W.). History of Sugar and Sugar-yielding Plants. Lond. 1866. 8°.

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‡THIÉBAUT DE BERNEAUD (A.). Cactus Opuntia. Paris, 1813. 8°.

‡HOOKER (W. J.). Report on vegetable products obtained without cultivation. Lond. 1857. 8°.

Exposition Universelle, Paris, 1855.

‡CARRIÈRE (E. A.). Origine des plantes domestiques demontrée par culture du radis sauvage. Paris, 1869. 8°.

‡HERINCQ (F.). Obs. critiques sur l'origine des plantes domestiques. Paris, 1869. 8°.

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‡LUKMANOFF (A. de). Nomenclature et iconographie des canneliers et camphriers. Paris, 1878. 4°.

ELLIS (J.). Descr. of the Mangostan and Breadfruit. Lond. 1775. 4°.

ROGERS (P. K.). Properties of the Liriodendron . . . Philad. 1802. 8°.

BUÉE (W. U.). Cultivating the Clove Tree. Lond. 1797. 4°.

[CHALONER (E.), & G. O'GORMAN.] The Mahogany Tree; its Botanical character . . . Liverpool, [1851]. 8°.

‡MURRAY (J.). Palo de Vaca or Cow Tree of the Caracas [Brosimum Galactodendron]. Lond. 1837. 8°. Ed. 2.

BENNETT (G.). Introduction, cultivation, and oeconomic uses of the Orange . . . [Sydney ?] 1871. 8°.

‡ABELA Y SAINZ DE ANDINO (E.). El naranjo y demás árboles confamiliares de las Aurantiáceas. Madrid, 1879. 12°.

§ 61. MEDICINAL PLANTS.

‡THOMSON (G.). Short method of discovering the virtues of Plants. Lond. 1734. 8°.

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‡ARCHER (J.). A compendious Herbal. Lond. 1673. 8°.

Forming Part 2 of Every man his own Doctor, with separate register.

MUNTING (A.). De vera antiquorum herba Britannica. Amst. 1681. 4°.

POMET (P.). Histoire générale des drogues . . . Paris, 1694. fol.

In English, History of Drugs, Lond. 1712, 4°.

‡PEACHIE (J.). Some observations made upon the Root Cassummuniar, called otherwise Rysagone . . . Lond. 1679. 4°.

Ed. 2. 1693. Author's name, and dedication to Sir Jonathan Keate, Bart., omitted.

Similar treatises in the same form, small quarto, and usually extending only to 7 pages, were anonymously issued, bearing dates, Lond. 1680-95, as follows: (b) Root called Nean or Ninseng; (c) Brassilian root called Ipepocoanha; (d) Angola seed; (e) Virginian Nutts; (f) Bengala bean; (g) Casmunar (above cited, Ed. 2.); (h) Malabar Nutt; (i) Maldivar nut; (j) Banellas; (k) Root called Serapias, or Salep; (l) Herb called Perigua; (m) Wood called Nephriticum; (n) Calumba wood, otherwise called Calumback; (o) Bermudas Berries; (p) Barbado Seeds; (q) Russia seed; (r) Mexico seeds; (s) Herb Cassiny; (t) Cylonian Plant.

The last-named is signed *James* MULLINS, which proves that the treatise was either several years old, or that the author's name was assumed, for Dr. Mullins died in 1686, nine years before.

Dale, in his Pharmacologia, Ed. 3. p. 309, and elsewhere, speaks of the anonymous author of these tracts as 'Marloe,' but there does not appear to have been any physician of that name then living, nor can I find any apothecary so named, and hence infer a mistake.

‡PETIVER (J.). Hortus siccus chirurgicus. 1 sheet, fol.
,, ,, pharmaceuticus. 7 sheets. Lond. [1700?]. fol.

Advertised also under the name of Labels for Medicinal English and Foreign Plants, 1s. 6d.

MILLER (J.). Botanicum officinale. Lond. 1722. 8°.

DALE (T.). De Pareira brava . . . Lugd. Bat. 1723. 4°.

KNOWLES (G.). Materia medica botanica . . . Lond. 1723. 4°.

MARTYN (J.). Tabulae synopticae plantarum off. ad meth. Rajanam dispositae. Lond. 1726. fol.

BLAIR (P.). Pharmaco-botanologia. Lond. 1723–8. 4°.

CHOMEL (P. J. B.). Cat. pl. officinalium secundum earum facultates. Paris, 1730. 8°.

*‡DALE (S.). Pharmacologia . . . Lond. 1693. 12°. Suppl. 1705. Ed. 3. [greatly enlarged and improved], 1737. 4°.

‡HILL (J.). History of the Materia Medica. Lond. 1751. 4°.
——— Useful Family Herbal. Lond. 1755. 8°.

CRANTZ (H. J. N.). Materia medica. Viennae, 1762. 3 vols. 8°. Ed. 2. 1765.

‡HILL (J.). Centaury, the great stomachic. Lond. 1765. 8°.

‡CARL (J. A.). Medicinische-botanischer Garten . . . Muenchen, 1770. 8°.

‡CURTIS (W.). Assistant plates to the Materia Medica. Lond. 1756. 8°.

‡MEYRICK (W.). New Family Herbal. Birmingham, 1789. 8°.

Also with date of 1790; title only differs.

[ZORN (J.).] Icones plantarum medicinalium . . . Nuernberg, 1779–84. 8°. Ed. 2. (enlarged) 1784–91.

‡[JUCH (K. W.).] Handbuch der pharmaceutischen Botanik. Nuernberg, 180[0–]4. 2 vols. fol.

ROQUES (J.). Plantes usuelles . . . Paris, 1807–8. 2 vols. 4°.

‡BALBIS (J. B.). Materies medica. Taurini, 1811. 2 vols. 8°.

*PLENCK (J. J.). Icones plantarum medicinalium . . . Viennae, 1788–1812. 8 vols. fol.

*STOKES (J.). Botanical Materia Medica. Lond. 1812. 4 vols. 8°.

Some of the plants have original names by the author.

‡VIETH (E.). Abriss de Kraeuterkunde fuer Oekonomen. Wien, 1812. 8°.

THORNTON (R. J.). New Family Herbal. Lond. 1810. 8°. Ed. 2. 1814.

The woodcuts are by T. Bewick.

CHAUMETON (F. P.), F. P. C. CHAMBERET, & J. L. M. POIRET. Flore médicale. Paris, 1814–20. 7 vols. 8°.

Contains Iconographie végétale, by P. J. F. Turpin.

‡Medical Botany . . . Lond. 1821–2. 2 vols. 8°.

Very poor figures.

RICHARD (A.). Botanique médicale. Paris, 1823. 2 vols. 8°.

I have seen the date given as 1819 in a catalogue.

‡TENORE (M.). Flora medica universale. Napoli, 1825. 2 vols. 8°.

Has especial reference to the Flora of Naples.

‡THOMSON (T.). Botanique du droguiste . . . Paris, 1827. 12°.

Transl. by E. Palouze.

‡Die Eigenschaften aller Heilpflanzen . . .. Muenchen, 1829. 8°.

‡KRAUSE (J. W.). Theoretische-praktische oekonomische Botanik . . . Nuernberg, 1831. 8°.

*STEPHENSON (J.), & J. M. CHURCHILL. Medical Botany. Lond. 1831. 4 vols. 4°.

*WOODVILLE (W.). Medical Botany . . . Lond. 1790–93. 3 vols. 4°. Ed. 3. 1832. 5 vols.

BISCHOFF (G. W.). Plantae medicinales. Heidelb. 1829. 4°.

*NEES VON ESENBECK (T. F. L.). Plantae officinales . . . Duesseldorf, 1821–33. fol.

‡KUNZE (G.). Pharmaceutische Waarenkunde. Eisenach, 1827–34. 4°.

GRAVES (G.). Hortus medicus. Edinb. 1834. 4°.

The chemical and medical remarks by J. D. Morries.

ROQUES (J.). Phytographie médicale. Paris, 1821. 2 vols. 4°. Ed. 2. 1835. 3 vols. 8°. Atlas, 4°.

‡BARNES (J.). Plants used in Medicine. Lond. 1835. fol.

KOSTELETZKY (V. F.). Allgemeine medizinische-pharmaceutische Flora . . . Prag, 1831–6. 6 vols. 8°.

SPRATT (G.). Medico-botanical Pocket-Book. Lond. 1836. 8°.

CASTLE (T.). Medical Botany . . . Lond. 1829. 12°. Ed. 3. 1837. 8°.

ROQUES (J.). Nouveau traité des plantes usuelles . . . Paris, 1837-8. 4 vols. 8°.

*LINDLEY (J.). Flora medica . . . Lond. 1838. 8°.

REID (H.). Outlines of medical Botany. Edinb. 1832. 8°. Ed. 2. 1839.

WINKLER (E.). Real-Lexicon der medizinische-pharm. Naturgeschichte . . . Leipzig, 1840-2. 8°.

‡FAVROT (C.). Traité elementaire d'histoire naturelle pharmaceutique . . . Paris, 1843. 2 vols. 8°.

*Hayne (F. G.). Arzneikunde gebraeuchlichen Gewaechse. Berlin, 1805-46. 14 vols. 4°.

The figures are good and characteristic.

‡Meyrat (F. V.), & A. J. de Lens. Dictionnaire universelle de matière médicale. Paris, 1829–46. 7 vols. 8°.

‡Simmonite (W. J.). Medical Botany. Lond. 1848. 12°.

*Lindley (J.). Medical and Economical Botany. Lond. 1849. 8°.

Cassone (F.). Flora medica-farmaceutica . . . Torino, 1847-52. 6 vols. 8°.

Figures very coarse; the Latin names of J. Bauhin are usually given in preference to those of Linnaeus!

‡Hamilton (E.). Flora homoepathica. Lond. 1852–3. 2 vols. 8°.

‡Haynes (D. H. B.). Examinations in Medical Botany. Lond. 1853. 12°.

‡Skelton (J.). Botanic Record and Family Herbal. Leeds, 1852–5. 8°.

An ignorant book; there is an index to the plants figured.

‡Artus (W. F. W.). Repetitorium . . . ueber pharmaceutische Waarenkunde der Pflanzen- . . . reichs. Weimar, 1843. 4°. Ed. 3. 1856.

‡Gray (S. F.). Supplement to the Pharmacopoeia . . . Lond. 1818. 8°. Ed. 6.

Ed. "3." by T. Redwood, 1857.

‡Pereira (J.). Elements of Materia Medica. Lond. 1839–40. 8°. Ed. 2. 1854–7. 2 vols. 8°.

‡Blackie (G. S.). Botany as an Ally of Medicine . . . Nashville, 1859. 8°.

‡Comte (A.). Notions sanitaires sur les végétaux dangereux . . . Nantes, 1862. 4°.

Ettingshausen (C. von). Physiographie der Medicinal-pflanzen. Wien, 1862. 8°.

‡Henkel (J. B.). Medizinisch-pharmaceutische Botanik . . . nebst Atlas . . . Tueb. 1862. 8°.

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,, Historical and Literary Botany . . . by E. P. Reid, Windsor, 1826. 3 vols. 12°.

‡[AMOREUX (P. J.).] Dissertation philologique sur les plantes religieuses. Montp. 1817. 8°.

‡[KENT, Miss.] Flora domestica . . . Lond. 1823. 8°.

Cultivation of plants in pots, and poetical extracts.

‡PHILLIPS (H.). Floral Emblems. Lond. 1825. 8°.

‡SMITH (E. D.). Flora and Pomona. Lond. 1829. 8°.

FIEBER (F. X.). Symbolische Pflanzen. Prag, 1826–30. 16°.

‡BALFOUR (A.). Weeds and Wild Flowers. Edinb. 1830. 8°.

‡[HEY, Mrs.] Moral of Flowers. Lond. 1833. 16°.

DECHESNEL (A.). Botanique des poètes . . . Paris, [1838?]. 6 vols. 12°.

‡LENEVEUX (L.). Manuel des fleurs emblématiques. Paris, 1840. 18°.

‡Floral Fancies . . . Lond. 1842. 12°.

*‡PRATT (A.). Flowers and their Associations. Lond. 1840. 8°. [Ed. 2.] 1847. 18°.

Ed. 2. is No. 100 of Knight's Weekly Volume.

‡PERKINS (E. S.). Flora and Pomona's Fete. Brighton, [1839]. 16°.

Sequel to Botanical and Horticultural Meeting. *See* page 212.

‡Flora Parvula. Lond. 1847. 8°.

Legends of Flowers.

‡W[EALE] (W. H. J.). Flores Ecclesiae: the Saints of the Catholic Church . . . with the Flowers dedicated to them. Lond. 1849. 8°.

A mere list of names, with arbitrary allotment of a plant to each.

‡ADAMS (H. G.). Flowers, their moral Language and Poetry. Lond. 1850. 18°.

‡The Catholic Florist. Lond. 1851. 18°.

Preface by F. Oakeley, who speaks of an otherwise unknown writer, one "Theoscorides."

‡The Poetry of Flowers. Edinb. 1851. 12°.

‡ADAMS (H. G.). Dict. and Poetry of Flowers. Lond. 1855. 16°.

‡——— Grammar and Dict. of Flowers. Lond. 1855. 16°.

MAGNAT (C.). Traité du langage symbolique . . . des fleurs. Paris, 1855. 8°.

‡RICHARDSON (D. L.). Flowers and Flower Gardens . . . Calcutta, 1855. 8°.

Contains Hindu ceremonial flowers.

DU MOLIN (J. B.). Flore poétique . . . Paris, 1856. 8°.

‡BACON (M. A.). Flowers and their kindred thoughts. Lond. 1848. 8°. Ed. [2.] 1857?

*WILKINSON, Lady. Weeds and Wild Flowers . . . Lond. 1858. 8°.

‡BADGER (C. M.). Wild Flowers. New York, 1858. 4°.

Introduction by Mrs. L. H. Sigourney.

‡UNGER (F.). Die Pflanze als . . . Betaeubungsmittel. Wien, 1857. 8°.

‡——— Die Pflanze als Zaubermittel. [Wien], 1858. 8°.

‡DRESSER (C.). Unity in Variety. Lond. 1859. 8°.

‡Botanique morale et religieuse . . . Lyon, 1859. 12°.

SEEMANN (B.). Hannov. Sitten und Gebraeuche in ihrer Beziehung zur Pflanzenwelte. Leipzig, 1862. 8°.

‡PERGER (A. R. von). Deutsche Pflanzensagen. Stuttg. 1864. 8°.

‡JURANVILLE (C.). La voix des fleurs. Paris, 1867. 12°.

‡REALE (R.). Flora Mariana . . . Napoli, 1868. 8°.

Plants connected with the Virgin Mary.

*‡GRINDON (L. H.). Echoes in Plant and Flower Life. Lond. 1869. 12°.

*‡INGRAM (J. H.). Flora symbolica . . . Lond. [1870]. 8°.

‡Flowers and their Emblems. Plymouth, 1872. 4°.

‡WARTMANN (B.). Beitraege zur St. Gallischen Volksbotanik. St. Gallen, 1861. 8°. Ed. 2. 1875.
‡KOBELL (F. von). Ueber Pflanzensagen und Pflanzen symbolik. Muenchen, 1875. 8°.
‡LORINSER (F.). Das Buch der Natur. IV. Botanik in Bezieh. zur Theodicee. Regensb. 1878. 8°.
‡MULLER (E.). La forêt. . . . Paris, 1878. 8°.
‡WARNKE (F.). Pflanzen in Sitte, Sage, und Geschichte. Leipzig, 1878. 8°.
‡NEIL (J.). Rays from the Realms of Nature; or, Parables of Plant Life. Lond. [1879]. 8°.
‡Flower Lore. Belfast, 1879. 8°.

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‡SCHLEIDEN (M. J.). Die Rose, Geschichte und Symbolik. Leipzig, 1873. 8°.

DELACHENAYE (B.). Abécédaire de Flore. Paris, 1811. 8°.
‡Garland of Flora. Boston, U.S., 1829. 8°.

Language of flowers and poetical gatherings.

‡Flora's Dictionary. Baltimore, 1829. 4°.
‡Language of Flowers, by a Lady. Lond. 1834.
*‡T[YAS], (R.). Sentiment of Flowers. Lond. 1835. 16°. [Ed. 2.] 1844. 8°.
‡The Floral Telegraph. Lond. 1836. 8°.
‡Flora's Gems for 1837. Lond. 1836. 4°.
‡The Queen of Flowers. Ed. 2. Lond. 1840. 16°.
*‡HENSLOW (J. S.). Le bouquet des souvenirs . . . Lond. 1840. 8°.
‡Etiquette of Flowers. Lond. 1851. 32°.

Apparently the forerunner of innumerable anonymous editions, equally with this undeserving of notice.

‡TYAS (R.). Speaking Flowers. Lond. 1875. 16°.
‡—— Language of Flowers. Ed. [2?] Lond. 1876. 8°.
‡Language and Poetry of Flowers. Lond. 1877. 18°.
‡Poetry of Flowers. Lond. 1877. 18°.
‡Almanach du langage des fleurs . . . Paris, 1880. 16°.
‡FAUCON (E.) Le langage des fleurs. Paris, 1880. 12°.

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‡TYAS (R.). Flowers and Heraldry. Lond. 1851. 8°.

§ 71. PRACTICAL BOTANY.

Plant-collection.

‡PETIVER (J.). J. P. his Book, for a Collection of whatever Trees, Shrubs, Herbs, . . . you shall find. [Lond. 1690 ?] fol.

Printed in bold type on a strong rough paper, for distribution to travellers and seamen who were willing to collect for Petiver.

‡LETTSOM (J. C.). Naturalist's and Traveller's Companion. Lond. 1772. Ed. 2. 1774.

‡GRAVES (G.). Naturalist's Pocket Book, or Tourist's Companion. London, [1817]. 8°.

Botany, pp. 278—301. Issued in 1818 with new title-page; also in 1824.

‡SCHICHOWSKY. *Method of Collecting Plants. S. Peterb.* [no date]. fol.

*‡GERMAIN DE SAINT-PIERRE (E.). Guide du botaniste. Paris, 1852. 8°.

‡ADAMS (A.), W. B. BAIKIE, & C. BARRON. Manual of Natural History for Travellers. Lond. 1854. 8°.

Part ii. Phytology, pp. 381—537.

‡[WILLIAMS (J.).] The Botanist's Vade Mecum. Lond. 1855. 8°. Ed. 2. 1856.

Extracted from Balfour's Manual, and issued anonymously.

‡BALFOUR (J. H.). The Botanist's Companion . . . Edinb. 1860. 8°.

‡HOOKER (W. J.). Botany [in Herschel's Manual of Scientific Enquiry]. Lond. 1849. 8°. Ed. 4. Lond. 1871.

‡DUNSTER (H. P.). Young Collector's Handy-book. Lond. 1871. 8°.

Calculated to mislead the reader.

‡LACOSTE (C.). Cours d'herborisation, journal d'un botaniste. Agen, 1871. 8°.

‡CAMINHOÁ (J. M.). Memoria sobre o modo de conservas as plantas, com suas formes e cores ou dos hervarios em geral . . . Rio de Janeiro, 1873. 8°.

‡PICCONE (A.). Instruzione scientifiche per viaggiatori. Botanica. Roma, 1874. 8°.

‡KOLLMANN (T.). Anleitung zur Konservirung der Pflanzen, nach der von K. Schelivsky erfundenen Impraegnirungsmethode Leipzig, 1875. 8°.

*‡CAPUS (G.). Guide du naturaliste préparateur. Paris, 1879. 12°.

Plants, pp. 24—95.

‡Allom (E. A.). Sea Weed Collector. Lond. 1845. 18°.

*†Nave (J.). Handy-Book to the Collection . . . of the lower Cryptogamia. Lond. 1867. 8°.

Transl. by Rev. W. W. Spicer from the German, Dresden, 1864.

‡Marchand (L.). Les herborisations cryptogamiques. Paris, 1880. 8°.

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‡Castracane (F.). Istruzioni per raccogliere Diatomee. Roma, 1875. 8°.

‡Edwards (A. M.), Johnson & Smith. Directions for collecting, preserving and preparing Diatoms. New York, 1878. 8°.

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‡Lindley (J.). Instructions for packing living plants in foreign countries . . . Lond. 1823. 4°.

‡Schlagintweit-Sakuenluenski (H. von). Anlage des Herbariums waehrend der Reisen . . . Muenchen, 1877. 4°.

Preservation.

‡Swainson (W.). Naturalist's Guide for collecting and preserving . . . Lond. 1822. 8°.

‡Lecoq (H.). La préparation des herbiers . . . Paris, 1829. 8°.

‡Short (C. W.). Instructions for the gathering and preservation of plants for the Herbarium. Lexington, 1833. 8°.

‡Harvey [W. H.]. Short directions for drying botanical specimens. [Dubl. 1840?] 8°.

‡Eloffe (A.). L'art de préparer les plantes terrestres, d'eau douce et marines pour en former des herbiers . . . pour l'étude. Paris, 1859. 18°. Ed. 2. 1862.

‡Kreutzer (K. J.). Das Herbar. Wien, 1864. 8°.

‡Ramann (G.). Das Herbarium. Berlin, 1871. 8°.

Also has a list of German plants.

‡Prior (R. C. A.). Plant preserving. [Lond. 1878?] 12°.

Description.

Ripa (L.). Hist. univ. pl. scribendae . . . Patavii, 1718. 4°.

Lindley (J.). Descriptive Botany. Lond. 1860. 8°.

‡Waldherr (F. X.). Muster-Beispiele von Beschreibung aus dem T.- Pflanzen- und M.- reiche. Muenchen, 1862. 8°.

‡Sprockhoff (A.). Huelfsbuch . . . Unterricht. Abth. 1. Pflanzenbeschreibungen . . . Berlin, 1872. 8°.

‡CANDOLLE (A. de). Reflexions sur les ouvrages généraux de botanique descriptive. Genève, 1873. 8°.

‡CHAUDÉ (—.). Botanique descriptive . . . Paris, 1876. 12°.

*‡CANDOLLE (A. de). La phytographie, ou l'art de décrire les végétaux . . . Paris, 1880. 8°.

An important feature is the list of Herbaria containing the types of various authors.

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‡BARRINGTON (D.). The Naturalist's Journal. Lond. [1817]. 4°.

Intended to record flowering and leafing of plants, etc.

Use of the Microscope.

HOOKE (R.). Micrographia. Lond. 1667. fol.

Some copies are dated 1665.

NEEDHAM (J. T.). Account of some new microscopical discoveries. Lond. 1745. 8°.

Also in German and French.

PARSONS (J.). The Microscopical Theatre of Seeds . . . Lond. 1745. 4°.

Only one vol. was issued.

ADAMS (G.). Micrographia illustrata . . . London, 1746. 4°. (pp. 165–235 relate to Plants.) Ed. 4. 1771.

*HILL (J.). The construction of Timber. Lond. 1770. fol. Also in 8°. Ed. 2. 1774. fol.

Really good drawings of sections of wood as seen under the microscope.

*LEEUWENHOEK (A. van). The select works of A. van L., . . . translated by S. Hoole. Lond. 1798-1807. 2 vols. 4°.

ADAMS (G.). Essays on the Microscope . . . Lond. 1787. 4°. Ed. 2. 1798.

‡——— Plates for the Essays on the Microscope. Lond. 1787. fol.

Plates 27-29 are of sections of vegetable stems.

AMICI (G. B.). Osservazioni microscopiche sopra varie piante. Modena, 1823. 4°.

MARTINS (C.). Du microscope . . . à l'étude . . . de l'utricule. Paris, 1839. 4°.

DUJARDIN (F.). Manuel complet . . . au microscope. Paris, 1843. 8°.

MOHL (H.). Mikrographie . . . Tuebingen, 1846. 8°.

*SCHACHT (H.). Das Mikroskop. Berlin, 1851. 8°.

EHRENBERG (C. G.). Mikrogeologie. Leipzig, 1854. fol.

‡REINICKE (F.). Beitr. zur neueren Mikroskopie. Dresd. 1858. 8°.

‡Reinhard (H.). Das Microscop. Ed. 2. Leipzig, 1864. 8°.
‡Reinsch (P. F.). Das Mikroskop. Nuernb. 1867. 8°.
‡Wiesner (J.). Einleitung in die technische Mikroskopie. Wien, 1867. 8°.
Dippel (L.). Das Mikroskop . . . Braunschweig, 1867–9. 8°.
‡Willkomm (M.). Die Wunder des Mikroskops . . . Leipzig, 1871. 8°.
‡Wigand (A.). Mikroskopische Untersuchungen. Stuttg. 1872. 8°.
*†Carpenter (W. B.). The Microscope . . . Lond. 1856. 8°. Ed. 5. 1875. 8°.
‡Pelletan (J.). Le microscope . . . Paris, 1876. 8°.
Applications . . . à la botanique, pp. 311—589.

†Naegeli (C.), & S. Schwendener. Das Mikroskop. Leipzig, 1865–7. 8°. Ed. 2. 1877.
‡Girard (J.). Les plantes étudiées au microscope. Paris, 1872. 18°. Ed. 2. 1877.
‡Robin (C.). Traité du microscope . . . Paris. Ed. 2. 1877. 8°.
†Heurck (H. van). Le microscope appl. à l'anatomie végétale . . . Paris, 1865. 8°. Ed. 3. Anvers, 1878.
‡Beauregard (H.), & V. Galippe. Guide . . . de micrographie . . . Paris, 1880. 8°.

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‡Groenland (J.), M. Cornu, & G. Rivet. Des preparations microscopiques . . . du règne végétale. Paris, 1872. 8°.

Micro-photography.

‡Rombouts (J. E.). De microphotographie en hare aanwending bij botanische onderzoekingen. Deventer, 1874. 8°.
‡Funcke (F.), & W. Thelen. Mikrophotogramme aus dem Pflanzen- und Thierreich. Witten, 1877. 16°.
‡Bary (A. de). Mikro-Photographien nach botanischen Praeparaten . . . Strassb. 1878. 4°.
The photographs by J. Grimm.

Botanical Drawing.

Sowerby (J. E.). Easy Introduction to drawing flowers . . . Lond. [1788]. obl. 4°.
A German transl. Weimar, 1794.

‡——— A Botanical drawing Book. Ed. 2. Lond. [1807]. 4°.
‡Kiesai. *Sao-kwa-rjak-guwa-siki.* (Short method of drawing plants.) Jedo, [1814]. 8°.
‡Burbidge (F. W.). Art of Botanical Drawing. Lond. 1873. 8°.

‡FITCH (W. G.). Le dessin appliqué à la botanique. Gand, 1877. 8°.
Transl. by E. Morren.

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‡HARVEY (W. H.). Botany considered in reference to the Arts of Design . . . Dubl. [1849]. 8°.
‡BALLEYDIER (A.). Flore des dessinateurs. Paris, 1856. 4°.
‡HULME (F. E.). Plant Form . . . Lond. 1868. fol.
‡WAGNER (H.). Malerische Botanik. Schilderungen aus dem Leben der Gewaechse. Leipzig, 1861. 8°. Ed. 2. 1872.
‡WATSON (F.). Flowers and Gardens; notes on Plant Beauty. Lond. 1872. 8°.
‡HULME (F. E.). Plants, their natural growth and ornamental treatment. Lond. 1874. fol.

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‡REUSS (G. C.). Pflanzenblaetter in Naturdruck . . . Stutt. 1862-9. 8°. Atlas, fol. Ed. 2. 1869-72.
‡SELIGMANN (J. F.). Die Nahrungs . . . Blaettern der Baeume . . . Nuernb. 1748. fol.
Ectypa of skeleton leaves.
‡GRIFFITH (W. P.). Architectural Botany. Lond. 1852. 4°.

LOCAL WORKS.

§ 72. DIRECTORIES.

*‡MORREN (E.). Correspondance botanique. Liège. 8°. Ed. 4. 1876. Ed. 7. 1879.
A most useful address-book of botanists in every part of the world.
‡[LEGGETT (W. H.).] Botanical Directory for America. New York, [1878]. 8°.

§ 73. GEOGRAPHICAL DISTRIBUTION.

HUMBOLDT (F. A. von), & A. BONPLAND. La géographie des plantes. Paris, 1805. 4°.
—— De distributione geographica plantarum . . . Lutet. Par. 1817. 8°.
‡BARTON (J.). Geography of Plants. Lond. 1827. 12°.
In French, Brux. 1829. 8°.

BRISSEAU-MIRBEL (C. F.). Distribution géographique des végétaux phanerogames de l'ancien monde . . . Paris, 1827. 4°.

‡——— Botanical Geography. Lond. 1833. 18°.

Transl. by J. Parkinson.

HEER (O.). Beitraege zur Pflanzengeographie. Zuerich, 1835. 8°.

MEYEN (F. J. F.). Grundriss der Pflanzengeographie . . . Berlin, 1836. 8°.

English translation, Outlines of the geography of plants. Ray Society, Lond. 1846.

‡BAIKOFF (D.). *The Distribution of Plants. Progr. Ac. Jaroslaviae*, 1843. 4°.

HINDS (R. B.). Regions of Vegetation . . . Lond. 1843. 8°.

‡JUSSIEU (Adr. de). Géographie botanique. Paris, 1845. 8°.

HOFFMANN (H.). Pflanzenverbreitung und Pflanzenwanderung. Darmstadt, 1852. 8°.

*CANDOLLE (A. de). Geographie botanique. Paris, 1855. 2 vols. 8°.

A work of the greatest authority and value.

HOFFMANN (H.). Pflanzenklimatologie. Leipzig, 1857. 8°.

‡C. (E. M.). Popular Geography of Plants. Lond. 1855. 16°.

‡——— Plants of the World. Lond. 1865.

The same work with new title-page; edited by C. G. B. Daubeny.

‡PALACKÝ (J.). Pflanzengeographische Studien. Prag, 1864. 4°.

‡HOOKER (J. D.). Lecture on Insular Floras. [Lond. 1867.] 4°.

‡DELPINO (F.). Alcuni appunti di geografia botanica . . . [Firenze, 1869.] 8°.

‡AULIN (F. R.). Oefer hafsalgern. geogr. utbredning. Stockh. 1872. 8°.

On the distribution of Algae in the Atlantic Ocean.

*‡GRISEBACH (A.). Die Vegetation der Erde nach ihrer klimatischen Anordnung. Leipzig, 1872. 8°.

French transl. La végétation, Brux. 1875. 8°.
,, ,, Paris, 1875-8. 2 vols. 8°.

‡BAKER (J. G.). Elementary Lessons in Botanical Geography. Lond. 1875. 8°.

†PICKERING (C.). Geographical distribution of Animals and Plants. Boston, 1854. 4°. Ed. [2.] 1864.

This forms vol. xv. Part ii., with separate title and pagination, of C. Wilkes, Expedition. *See* page 224.

‡———*Id.* Pt. 2. Salem, 1876. 4°.

Part i. consists of chronological observations on introduced animals and plants, with three Indexes, Foreign words, Names of Persons, and Index [of Subjects]. Part ii. treats of plants in their wild state.

FRIES (T. M.). Om vaexternas spridning. Stockholm, 1880. 8°.

*‡GRISEBACH (A.). Gesammelte Abhandlungen und kleinere Schriften zur Pflanzengeographie. Leipzig, 1880. 8°.

‡IHNE (E.). Studien zur Pflanzengeographie. Giessen, 1880. 8°.

SCHOUW (J. F.). Plantegeographisk Atlas. Kjoebenhavn, 1824. fol.

Two German editions, both Berlin, 1823.

*‡BERGHAUS (H.), & A. K. JOHNSTON. Physical Atlas. Edinb. 1847. fol.

Contains maps of the distribution of plants.

*——— Allgemeiner pflanzengeographischer Atlas. Gotha, 1851. fol.

*RUDOLPH (L.). Atlas der Pflanzengeographie . . . Berlin, 1852. fol. Ed. 2, 1864.

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‡PLANCHON (J. E.). Des limites naturelles des flores. Montp. 1871. 8°.

Has especial reference to the Montpellier Flora.

§ 74. VOYAGES.

RAUWOLF (L.). Travels . . . Lond. 1693. 8°.

Translated from the German, and issued as part of a Collection of curious Travels and Voyages.

RAY (J.). Travels through the Low Countries, Germany, Italy, and France . . . London, 1673. 2 vols. 8°. Ed. 2. 1738.

Includes lists of plants.

PARKINSON (S.). Voyage to the South Seas . . . Lond. 1773. 4°.

The author was draughtsman to Sir Joseph Banks during Cook's first voyage in the "Endeavour," but dying on the voyage, this work was put together by Stanley Parkinson, a brother of Sidney, the artist. The original drawings are now in the Botanical Department, British Museum.

*BAUER (F.). Tabulae ineditae . . . [Lond. *circ.* 1780.] fol.

LA BILLARDIÈRE (J. J. H. de). Voyage à la recherche de La Pérouse . . . Paris, [1799]. 2 vols. 8°. Atlas, fol.

Copies exist with the imprint "Londres, 1800."

RICHARDSON (J.). Botanical appendix [to Franklin's Narrative]. Lond. [1823]. 4°.

GAUDICHAUD-BEAUPRÉ (C.). Botanique du voyage . . . l'Uranie . . . Paris, 1826. 4°. Atlas, fol.

BRONGNIART (A. T.). Botanique du voyage . . . La Coquille . . . Paris, 1829. 4°.

HOOKER (W. J.), & G. A. W. ARNOTT. Botany of Captain Beechey's voyage. Lond. 1841. 4°.

*†WILKES (C.). Botany of U.S. Expedition, 1838-42.

Vol. xv. Botany, Phanerogamia, by A. Gray. Philad. 1854. 8°. Atlas, 4°.
xv. —— Distribution, by C. Pickering. Boston, 1854. 8°.
xvi. —— Filices, by W. D. Brackenridge. Philad. 1854. 8°. Atlas, fol.

HOOKER (W. J.). Notes on Erebus and Terror Botany. Lond. 1843. 8°. (*See* J. D. Hooker, below.)

‡MEYEN (F. J. F.). Beitraege zur Botanik ges. auf einer Reise um die Erde . . . Breslau, 1834–43. 3 vols. 4°.

After the author's death the botany was worked up by J. T. C. Ratzeburg, J. Vogel, A. Grisebach, C. G. Nees von Esenbeck, J. von Flotow, J. F. Klotsch, and W. G. Walpers.

*BENTHAM (G.). Botany of the Voyage of H.M.S. Sulphur, 1836–42. Lond. 1844. 4°.

DARWIN (C.). Voyage of the Beagle. Ed. 2. Lond. 1845. 8°.

Translated into French, Dutch, and German (2 versions). Ed. 1. forms vol. iii. of R. Fitzroy's Surveying Voyages of H.M.S. Adventure and Beagle. Lond. 1839. 4 vols. 8°.

*SEEMANN (B.). Botany of the Voyage of the Herald. Lond. 1852–7. 4°.

*HOOKER (J. D.). Botany of the Erebus and Terror. Lond. 1844–60. 6 vols. 4°.

*GAUDICHAUD-BEAUPRÉ (C.). Botanique du voyage . . . la Bonite. Paris, 1844–66. 5 vols. 8°.

‡Reise des Oesterreichischen Fregatte Novara um die Erde in dem Jahren 1857–9, . . . Botanisches-Theil. Vol. i. Sporenpflanzen. Wien, 1870. 4°.

Edited by E. Fenzl, assisted by A. Gronow (Algae), J. Krempelhueber (Lichens), H. W. Reichardt (Fungi, Hepaticae, Musci), G. Mettenius (Ferns), J. Milde (Ophioglossaceae and Equisetaceae).

MARKHAM (C. R.). Travels in Peru and India. Lond. 1862. 8°.

In search of Cinchona plants.

‡REICHARDT (H. W.). Botanische Ausbeute der Polar-Exp. . . . Wien, 1872. 8°.

‡MAGNUS (P.). Botan. Unters. bei der Pommerania-Exped. . . . 1871. Kiel, 1871. 4°.

‡—— Die Botan. Ergebnisse der Nordseefahrt im Sommer, 1872. Berlin, 1874. fol.

‡[Buchenau (F.).] Zweite Deutsche Nordpolfahrt. I. Botanik. [Bremen, 1872.] 8°.

Assisted by A. Pansch, W. O. Focke, K. Mueller, G. W. Koerber, H. F. Bonorden, L. Fuckel, and G. Kraus.

‡Martius (C.). Du Spitzberg au Sahara. Paris, 1865. 8°.

Transl. Von Spitzbergen zur Sahara, Jena, 1871. 8°.

LOCAL FLORAS.

§ 75. EUROPE.

Brueckmann (F. E.). Sendschreiben . . . die Kraeuter nach dem Leben abzudrucken . . . Wolfenb. 1733. 4°.

‡Kniphof's Antwort darauf. Erfurt, 1733. 4°.

Ectypa vegetabilium. Halae, 1760. fol.

*Kniphof (J. H.). Botanica in originali . . . Erfurti, 1747. 2 vols. fol. [1757–64.] [Ed. 2.] 1763–64. (12 centuries.)

Impressions in printer's ink from the plants themselves.

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†[Ville (N. de).] Histoire des plantes de l'Europe . . . Lyon, 1670. 12°.

Better known perhaps as "Le petit Bauhin." There is a Spanish version by J. Vigier, Lion, 1718, 2 vols. 12°.

Cat. stirpium in exteris regionibus a nobis observatarum quae vel non omnino vel parce ad modum in Anglia sponte proveniunt. Lond. 1673. 8°.

This is given by E. von Berg, Additamenta, pars ii, as an independent work; it is only a portion of "Travels through the Low Countries," which has separate pagination, see Pritzel, Thes. 2. No. 7433.

Ray (J.). Stirpium europaearum extra Britannias . . . Lond. 1694. 8°.

Compiled from the observations of previous authors, with his own additions.

Barrelier (J.). Plantae per Galliam, Hispaniam et Italiam observatae . . . (Ed. Ant. de Jussieu). Parisiis, 1714. fol.

†Laicharting (J. N. von). Vegetabilia europaea . . . Oeneponte, 1790–1. 2 vols. 8°.

Batsch (A. J. G. C.). Dispositio generum plantarum Europae. Jenae, 1794. 4°.

‡Gilibert (J. E.). Histoire des plantes d'Europe . . . Lyon, 1798. 2 vols. 8°. Ed. 2. 1806. 3 vols.

Intended to supersede "Le petit Bauhin;" see last page.

Boissieu (C. V. de). Flore d'Europe . . . Lyon, 1805-7. 3 vols. 8°.

Roemer (J. J.). Flora europaea inchoata. (Fasc. i.-xiv.) Norimb. 1797-1811. 8°.

Graumuller (J. C. F.). Diagnose der bekanntesten . . . besonders europaeischen Pflanzengattungen. Eisenburg, 1811. 8°.

Mouton-Fontenille (J. P.). Tableaux . . . d'un Pinax des plantes européenes. Paris, [1814-5]. 8°.

Vaucher (J. P. E.). Histoire physiologie des plantes d'Europe . . . Paris, 1841. 4 vols. 8°.

*Woods (J.). Tourist's Flora . . . Lond. 1850. 8°.

Although much out of date, still the only available volume treating of the Flora of Great Britain, Ireland, France, Germany, Switzerland, and Italy.

Henfrey (A.). Outlines of the Natural History of Europe. The Vegetation . . . Lond. 1852. 8°.

*Nyman (C. F.). Sylloge florae europaeae . . . Oerebroae, 1854-5. 4°. Supp. 1865.

Arranged according to the classification of E. M. Fries.

*Jordan (A.), & J. Fourreau. Icones ad floram Europae . . . Paris, 1866–8. fol.

Beautiful drawings of critical forms.

‡Gandoger (M.). Decades pl. nov. praesertim ad floram Europae spectantes. Paris, 1875–6. 8°.

*Nyman (C. F.). Conspectus florae europaeae. Oerebro, 1878. 8°.→

The Candollean arrangement is here adopted, to benefit the majority of readers.

Sterler (A.). Europas medicinische Flora. Muenchen, 1820. fol.

Lamotte (M.). Cat. des plantes vasculaires de l'Europe centrale. Paris, 1847. 8°.

Lecoq (H.). Géographie botanique de l'Europe. Paris, 1854–8. 9 vols. 8°.

Principally concerning the central plateau of France.

Koch (K.). Dendrologie . . . Mittel und Nord-Europas. Erlang. 1869–73. 8°.

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‡Cleve (P. T.). On Diatoms from the Arctic Sea. Stockh. 1873. 8°.

‡Lagerstedt (N. G. W.). Soetvattens-diatomaceer från Spetsbergen och Beeren eiland. Stockh. 1873. 8°.

‡Fluegel (J. H. L.). Die Diatomaceen . . . der Ostsee. Kiel, 1873. fol.

‡Schmidt (A.). Grundproben der Nordseefahrt . . . enthalten Diatomaceen. Berlin, 1874. fol.

‡Klinggraeff (C. J. von). Zur Pflanzengeographie des noerdl. und arktischen Europas. Marienw. 1875. 8°.

‡Gobi (C. Y.). Die Algenflora des Weissen Meeres. Petersb. 1878. 4°.

‡Fuchs (T.). Die Mediterranflora . . . Wien, 1877. 8°.

‡Schultz (F. W.). Archives de la flore de France et d'Allemagne. Vol. i. Bitche, 1848. 8°. Vol. ii. Wissembourg, 1855. 8°.

Explanatory of his Herbarium normale.

‡Billot (C.). Annotations à la flore de France et d'Allemagne. Haguenau, 1855. 8°.

Notes upon some of the plants contained in the first 30 centuries of his Exsiccata.

Bavoux (V.), A. & P. Guichard, & J. Paillot. Billotia. Besançon, 1864–9. 8°.

A continuation of the last.

‡Comber (T.). Geographical Statistics of the Extra-British European Flora. Liverpool, 1875. 8°.

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‡Zimmeter (A.). Verwandschaft- Verhaeltnisse und geographische Verbreitung der in Europa einheimischen Arten der Gattung Aquilegia. Steyr, 1875. 8°.

‡Gandoger (M.). Essai . . . des roses de l'Europe, de l'Orient et du bassin du Méditerranée. Paris, 1876. 8°.

Spanish transl. by R. M. Cercós, Barcelona, 1880. 8°.

Seringe (N. C.). Céréales européenes . . . Ed. 2. Paris, 1841-7. 8°.

Ed. 1. appeared in a volume of Mélanges botaniques.

Koch (W. D. J.). De Salicibus europaeis commentatio. Erlangae, 1828. 8°.

Wimmer (F.). Salices europaeae . . . Breslau, 1866. 8°.

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‡Roumeguère (C.). Cryptogamie illustrée . . . Paris, 1870. 4°.

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*Milde (J.). Filices Europae et Atlantidis . . . Leipzig, 1867. 8°.

‡Britten (J.). European Ferns. Lond. 1879. 4°.→

‡Heufler (L. von). Asplenii species europaeae. Wien, [1856]. 8°.

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*SCHIMPER (W. P.). Bryologia europaea . . . Stuttgartiae, 1836-55. 6 vols. 4°.

‡——— Corollarium bryologiae europaeae . . . Stuttg. 1856. 8°.

*†——— Synopsis muscorum europaeorum . . . Stuttg. 1860. 8°. Ed. 2. 1876. 2 vols.

——— Musci europaei novi . . . Stuttg. 1864-6. 4°. (4 Fasc.)

‡LINDBERG (S. O.). Utkast till en naturlig gruppering af Europas bladmossor . . . [Bryineae acrocarpeae]. Helsingf. 1878. 4°.

‡——— Observ. de Mniaceis europaeis. Helsingf. 1866. 8°.

‡——— Observ. de formis pr. europ. Polytrichoidearum. Helsingf. 1868. 8°.

——— Om de europeiska Trichostomeae. Helsingf. 1864. 8°.

LINDENBERG (J. B. W.). Synopsis hepaticarum europearum . . . Bonnae, 1829. 4°.

DUMORTIER (B. C.). Sylloge Jungermannidearum Europae indigenarum . . . Tornaci Nerviorum, 1831. 8°.

NEES VON ESENBECK (C. G.). Naturgeschichte der europaeischen Lebermoose. Berlin und Breslau, 1833-8. 4 vols. 8°.

*‡DU MORTIER (B. C.). Hepaticae Europae. Jungermannideae Europae post semisaeculum recensitae, adjunctis hepaticis. Brux. et Lips. 1874. 8°.

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*RABENHORST (L.). Flora europaea algarum . . . Lips. 1864-8. 8°.

*AGARDH (C. A.). Icones algarum europaearum. Leipzig, 1828-35. 8°.

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‡BRAUN (A.). Conspectus systematicus Characearum europearum. [Dresden], 1867. 4°.

FRIES (E. M.). Lichenographia europaea reformata. Lundae et Gryphiae, 1831. 8°.

SCHAERER (L. E.). Enum. critica lichenum europaeorum . . . Bernae, 1850. 8°.

*HEPP (P.). Sporen der europaeischen Lichenen . . . Zuerich, 1833-67. 4°.

Rarely met with complete, being privately printed and long in progress.

‡GAROVAGLIO (S.). De lichenibus endocarpeis mediae Europae. Mediol. 1872. 4°.

‡——— De Pertusariis Europae mediae. Mediol. 1874. 4°.

PERSOON (C. H.). Mycologia europaea. Erlangae, 1822-8. 8°.

†GONNERMANN (W.), & L. RABENHORST. Mycologia europaea. Dresden, 1869–72. fol.

‡ROUMEGUÈRE (C.). Index synonymique . . . des champignons. Paris, 1873. 4°.

*‡FRIES (E.). Hymenomycetes europaei sive Epicriseon . . . ed. alt. Upsala, 1874. 8°.

‡COOKE (M. C.), & L. QUELET. Clavis synoptica Hymenomycetum europaeorum. Lond. 1878. 8°.

*CORDA (A. C. J.). Flore illustrée de Mucedinées d'Europe. Leipzig, 1840. fol.

A French version of the Prachtflora, 1839.

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‡DAWSON (J. W.). Alpine and Arctic Plants. Montreal, 1862. 8°.

‡VERLOT (B.). Les plantes alpines. Paris, 1873. 8°.

‡WOOSTER (D.). Alpine Plants. Lond. 1872–4. 2 vols. 8°.

‡SEBOTH (J.). Die Alpenpflanzen nach der Natur gemalt. Prag, 1878–9. 2 vols. 16°.

The descriptive Text is by F. Graf, with the cultural portion by J. Petrasch. English ed. by A. W. Bennett, Lond. 1879-80.

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‡CANDOLLE (A. de). Sur les causes de l'inégale distribution des plantes rares dans la chaîne des alpes. Florence, 1875. 8°.

‡BALL (J.). On the origin of the Flora of the European Alps. [Lond. 1879.] 8°.

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‡KERNER (A.). Die Schafgarben-Bastarte der Alpen. Wien, 1873. 8°.

‡——— Die Primulaceen-Bastarte der Alpen. Wien, 1875. 8°.

‡BOUVIER (L.). Les Roses des Alpes. Genève, 1875. 8°.

‡PANČIČ (J.). Eine neue Conifere in den Oestlischen Alpen. Belgrad, 1876. 8°.

§ 76. GREAT BRITAIN.

Topographical Guides.

JOHNSON (T.). Mercurius botanicus . . . Lond. 1634. 4°.

——— Id. pars altera . . . Lond. 1641. 8°.

*TURNER (D.), & L. W. DILLWYN. Botanist's Guide . . . Lond. 1805. 2 vols. 8°.

WATSON (H. C.). Outlines of the geographical distribution of British Plants. Edinb. [1832]. 8°.

Privately printed.

——— Remarks on the geographical distribution of British Plants . . . Lond. 1835. 8°.

German transl. Breslau, 1837.

——— Geogr. distrib. Brit. Pl. Ed. 3. Lond. 1843. 8°.

The preceding two books are considered by the author to be Eds. 1 and 2; only part i. was issued.

* ——— New Botanist's Guide . . . Lond. 1835-7. 2 vols. 8°.

Localities of the rarer plants arranged by counties.

FORBES (E.). Distribution of the Fauna and Flora of the British Isles. Lond. 1846. 8°.

*WATSON (H. C.). Cybele britannica . . . Lond. 1847-59. 4 vols. 8°. Suppt. Lond. 1860. 8°. (Privately printed.) Compendium, Lond. 1870. 8°.

*‡——— Topographical Botany. Thames Ditton, 1873-4. 2 vols. 8°.

Privately printed. Although the author considers this the final fruits of forty years' labour, it is much to be regretted that he chose to print only 100 copies, and so restrict its use.

‡LEES (F. A.). Summary of Comital Plant-Distribution. Welwyn, 1878. 8°.

Supplementary to Watson's Topog. Botany.

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‡COMBER (T.). On the World-distribution of British Plants. [Liverpool, 1874.] 8°.

*MOORE (D.), & A. G. MORE. Contributions towards a Cybele hibernica . . . Dublin, 1866. 8°.

Catalogues.

‡[PETIVER (J.).] Botanicum anglicum. Lond. [1713?]. fol.

Advertised also as—Labels for specimens of English wild plants.

‡[COWELL (M. H.).] A Series of Botanical Labels for the Herbarium . . . Faversham, 1841. 8°.

These labels were published by W. Pamplin.

‡ARNOTT (G. A. W.). Names of Orders, Sub-Orders, and Tribes. [Glasgow, .] fol.

‡ROBSON (J. E.). Botanical Labels for labelling Herbaria. Lond. 1873. 8°.

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‡Catalogue of British Plants. [Edinb.? 1834?] fol.

HENSLOW (J. S.). Catalogue of British plants. Camb. 1829. 8°. Ed. 2. 1835.

†[FRANCIS (G.).] A Cat. of Brit. flowering Plants and Ferns. [Lond. 1835?] fol.

COXHEAD (H.). Catalogue of the Vasculares . . . of Gt. Brit. Lond. [1842]. 8°.

‡DIXON (G.). Handbook to the Herbarium. Lond. 1845. 8°.

‡IBBOTSON (H.). Phaenogamous plants of Great Britain. Lond. 1848. 8°.

A synonymic list, but not done critically.

BAKER (J. G.). Flowering Plants and Ferns of Great Britain. Lond. 1855. 8°.

Classified geognostically.

‡BALFOUR (J. H.), C. C. BABINGTON, & W. H. CAMPBELL. A Catalogue of British Plants. Edinb. 1836. fol. Ed. 2. 1841. 8°. Ed. 4. 1865.

*‡[WATSON (H. C.).] The London Catalogue of British Plants. Lond. 1844. 8°. (also fol.) Ed. 7. 1874. 8°.

‡HENSLOW (G.). Student's Catalogue of British Plants. Lond. 1879. 8°.

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‡LEIGHTON (W. A.). Cat. of the Cellulares or Flowerless Plants of Great Britain. Lond. 1837. 8°.

‡[NEWMAN (E.).] A Catalogue of British Ferns . . . Lond. [1845]. 8°.

‡MOORE (T.). Herbarium Labels for the British Ferns and allied Plants . . . Lond. [1853?]. 4°.

‡PACKER (J. J.). British Mosses. Thirsk, 1855. fol.

‡DIXON (G.). A Classified List of British Mosses. [Ayton, 1857?] fol.

*‡HOBKIRK (C. P.), & H. BOSWELL. London Catalogue of British Mosses . . . Welwyn, 1877. 8°.

COOKE (M. C.). Index fungorum britannicarum. Lond. 1865. 8°.

Descriptive Works.

[How (W.).] Phytologia britannica. Lond. 1650. 8°.

The first British Flora.

‡MERRETT (C.). Pinax rerum naturalium britannicarum . . . Lond. 1666. 8°. Ed. 2. 1667.

The bulk of ed. 1. is believed to have perished in the Fire of London; ed. 2. is simply a reprint. The author's own interleaved copy with his notes is in the British Museum.

RAY (J.). Catalogus plantarum Angliae. Lond. 1670. 8°. Ed. 2. 1677.

Arranged alphabetically.

——— Fasciculus stirpium britannicarum . . . Lond. 1688. 8°.

A scarce pamphlet, supplementary to the Cat. Angl.

‡PETIVER (J.). Mr. Ray's method of English Plants illustrated. Lond. [1711 ?]. fol.

‡——— English Plants . . . already engraved. Lond. [1712 ?]. fol.

‡——— Cat. of 600 plants. Lond. [1713]. fol.

The same in Latin, about the same date.

‡——— English Herbal. Lond. [1715]. fol.

These four publications are really only parts of one; 600 figures were first issued on 50 plates, afterwards 22 additional plates were issued, but a complete set is seldom to be met with.

*RAY (J.). Synopsis methodica stirpium britannicarum, . . . Lond. 1690. 8°. Ed. 2. 1696. Ed. 3. [by Dillenius] 1724.

Ed. 2. the most accurate, Ed. 3. the best known.

WILSON (J.). Synopsis of British Plants . . . Newcastle, 1744. 8°.

Arranged after Ray's method.

BLACKSTONE (J.). Specimen botanicum . . . Angliae. Lond. 1746. 8°.

The last book issued in England before the adoption of Linnaeus's system.

†HILL (J.). Flora britannica. Lond. 1760. 8°.

The date is given as occurring in the majority of copies, but I possess a copy with the title-page only different, having the date 1759. The work is Ray's Synopsis, arranged in the Linnean order, retaining the old names, with some observations of the author interspersed.

HILL (J.). Herbarium britannicum. Lond. 1769. 8°.

*‡EDWARDS (J.). British Herbal . . . Lond. 17[68–]70. fol.

*‡——— Select Collection . . . Lond. 1775. fol.

The same work, title only differs, see Pritzel, Ed. 1. 2909 and 2910.

†HILL (J.). Herbarium britannicum . . . Lond. 1769-70. 2 vols. 8°.

[CULLUM (T. G.).] Florae anglicae specimen . . . anno 1774 inchoatum. [Lond.? 1775?] 8°.

‡Flora anglica, ou flore angloise, contenant les plantes qui croissent naturellement en Angleterre. Londres, 1764. 8°.

Title from Pritzel, Thes. Ed. 1. No. 11563.

‡WESTON (R.). Flora anglicana . . . Lond. 1775. 8°.

JENKINSON (J.). British Plants . . . Kendal, 1775. 8°.

ROBSON (S.). British Flora . . . York, 1777. 8°.

WALCOTT (J.). Flora britannica indigena . . . Bath, 1778. 8°.

Slight outline figures on copper.

*HUDSON (W.). Flora anglica . . . Lond. 1762. 8°. Ed. 2. 1778. Repr. in 1798.

The first true attempt to set forth a British Flora according to the system and nomenclature of Linnaeus.

WESTON (R.). English Flora. Lond. 1775. 8°. Supp. 1780.

BROUGHTON (A.). Enchiridion botanicum . . . Lond. 1782. 8°.

BERKENHOUT (J.). Outlines of the Natural History of Great Britain and Ireland. Lond. 1769–72. 8°.

‡——— Synopsis of the Nat. Hist. of Great Britain and Ireland. Lond. 1789. 2 vols. 8°. Ed. 3. 1795.

Eds. 2. and 3. of the Outlines; vol. ii. is Botanical.

‡The Botanist's Calendar and Pocket Flora. Lond. 1797. 2 vols. 8°.

SYMONS (J.). Synopsis pl. insulis britannicis . . . Lond. 1798. 8°.

*SMITH (J. E.). Flora britannica. Lond. 1800-4. 3 vols. 8°.

Republished with notes throughout by Roemer at Zuerich, 1804-5. Many of the notes give additional English stations, chiefly on the authority of L. W. Dillwyn.

SALISBURY (R. A.). The Generic Characters in English Botany collated with those of Linné. Lond. 1806. 8°.

A vigorous onslaught upon Smith's descriptions in English Botany, which was then in course of issue.

HULL (J.). The British Flora . . . Manchester, 1799. 8°. Ed. 2. 1808.

†FREEMAN (S., & C.), & J. S. SHAW. Select specimens of British Plants. Lond. 1797–1809. fol.

†PHELPS (W.). Calendarium botanicum. Lond. 1810. 8°.

THORNTON (R. J.). British Flora . . . Lond. 1812. 5 vols. 8°.

‡Botanical Illustrations . . . English Plants. Lond. 1813. 32°.

*SOWERBY (J.). English Botany . . . Lond. 1790–1814. 36 vols. 8°.

Text by Sir J. E. Smith, who withheld his name till the completion of vol. iv.; nevertheless he was very much annoyed by "Sowerby's Botany" being "flippantly quoted." Most of the original drawings and specimens are in the Botanical Department of the British Museum. Ed. 2. see page 235; Ed. 3. see page 237.

SALISBURY (W.). Botanist's Companion . . . Lond, 1816. 2 vols. 8°.

‡WALFORD (T.). Scientific Tourist. Lond. 1818. 2 vols. 12°.

Enumerates the rare plants of each county.

GALPINE (J.). Synoptical Compend. . . . Salisbury, 1806. 8°. Ed. 2. [=3.] Lond. 1820.

‡The British Botanist. Lond. 1820. 8°.

*GRAY (S. F.). Natural Arrangement of British Plants. Lond. 1821. 2 vols. 8°.

The "synoptical" portion of this work was written by J. E. Gray, the author's son, see Journal of Botany, 1875, p. 127. The book appeared before its time, during the ascendency of Smith, so that its merits have been overlooked until comparatively recent times.

‡Botanical Sketches . . . 50 sp. English Plants. Lond. 1825. 8°.

Suggested by Botanical Illustrations, see last page, and intended as a sequel.

SMITH (J. E.). Compendium Fl. Brit. Lond. 1800. 8°. Ed. 2. 1828.

A German edition, Erlangae, 1801.

‡G[RAHAM], (R.). Characters of Genera, extracted from the British Flora of W. J. Hooker. Edinb. 1830. 8°.

SWEET (R.), & H. WEDDELL. British Botany. Lond. 1831.

No. 1. all published?

BANKS (G.). Introduction to English Botany. Lond. 1823. 8°. Ed. 2. Lond. 1832. 8°.

*WITHERING (W.). Botanical Arrangement . . . Birmingham, 1776. 2 vols. 8°. Ed. 2. (with references by J. Stokes), 1787-93. 3 vols. Ed. 3. 1796. 4 vols. Ed. 7. (by W. Withering, the younger), Edinb. 1830. 8°. (Eds. 8. to 14. see page 237.)

‡[DEAKIN (R.).] The Botanist's Manual; . . . British Flowering Plants & Ferns. Lond. [1836?]. 8°.

Names of plants and blanks to insert localities.

*SMITH (J. E.). The English Flora. Lond. 1824-36. 5 vols. 8°.

Vols. i.—iv. were the final outcome of Smith's labours in British Botany, and were issued very shortly before his death. The Mosses in vol. v. were worked up by W. J. Hooker, and the Fungi, vol. v. part 2, by M. J. Berkeley.

——— Compendium of the English Flora. Lond. 1829. 12°. Ed. 2. by Hooker, 1836.

MACREIGHT (D. C.). Manual of British Botany. Lond. 1837. 8°.

‡RATTRAY (J.). A Botanical Chart . . . Glasgow, [1835]. 8°. Ed. 2. [1838].

The dates from Pritzel, 1. 8367. In the Catalogue of the British Museum the first edition is queried 1830.

*CURTIS (J.). British Entomology. Lond. 1824-38. 16 vols. 8°.

Contains delicate drawings of the *tops* of British plants, rarely giving the lower leaves or habit of each plant, and thus making the plates of little use to botanists. Index of plants in each volume, and general Indexes in vol. xvi.

*TWAMLEY (L. A.). Our Wild Flowers familiarly described and illustrated. Lond. 1838. 8°.

FRANCIS (G. W.). Little English Flora. Lond. 1839. 8°.

RALFS (J.). British phaenogamous Plants and Ferns. Lond. 1839. 8°.

‡[FRANCIS (G. W.).] British plants. [Lond.] 1840. 8°.

Portion of a work which probably was never published; the part I have seen consists of sheets B and C, pp. 1—16, tabb. i.—iv. (Bibl. Kew.)

——— British Flowering Plants and Ferns. Lond. 1835. fol. Ed. 5. 1840.

‡JACKSON (M. A.). Pictorial Flora; or British Botany delineated. Lond. 1840. 8°.

This is named by Pritzel, in the preface to his Index Iconum, but omitted in his Thesaurus; the drawings are very small.

†SOWERBY (C. E.). An illustrated Catalogue of British Plants . . . Lond. 1841. 12°.

Six Nos. (Clematis to Sedum) were issued.

LINDLEY (J.). Synopsis of the British Flora. Lond. 1829. 8°. Ed. 3. 1841.

Arranged according to the Natural System, but without the slightest mention of Gray's Natural Arrangement, an earlier work of far greater merit. An edition was also announced in 1859 as "Ed. 3," which I have not been able to find.

*HOOKER (W. J.). British Flora. Lond. 1830. 8°. Ed. 5. 1842.

This last edition was altered to the Natural System without the slightest comment thereon. The subsequent editions were issued in conjunction with G. A. W. Arnott.

*BAXTER (W.). Phaenogamous Botany. Oxford. Ed. 3. 1834–43. 6 vols. 8°.

LOUDON (J. W.), *née* WEBB. British Wild Flowers. Lond. 1845. 4°.

‡SOWERBY (J.). English Botany. Ed. 2. [1832–]46. 12 vols. 8°.

Condensed descriptions. Vols. i.–ii. by J. de C. Sowerby, vols. iii.–xii. by C. Johnson; the work is arranged on the Linnean System.

KNAPP (F. H.). Botanical chart of British flowering Plants and Ferns . . . Bath, 1846. 8°.

STEELE (W. E.). Handbook of Field Botany . . . Dublin, 1847. 8°.

‡Specimen Flora; or, British Botany exemplified. Lond. 1847. 8°.

†CATLOW (A.). Popular Field Botany. Lond. 1848. 16°.

‡TYAS (R.). Favourite Field Flowers described. Lond. 1848. Second Series. Lond. 1850. 12°.

‡GIRAUD (J. E.). Floral Months of England. Lond. 1851. 4°.

‡HOBLYN (R. D.). British Plants. Lond. 1851. 12°.

‡PRATT (A.). Wild flowers of the year. Lond. [1851 ?]. 12°.

LEES (E.). Botanical Looker-out. Lond. 1842. 8°. Ed. 2. 1851.

JOHNS (C. A.). Botanical Rambles. Lond. 1847-52. 12°.
In four parts, Winter, Spring, Summer, Autumn.

‡PRATT (A.). Wild Flowers. Lond. 1852. 2 vols. 16°.
Several subsequent issues.

‡First steps to the British Flora. Lond. [1855]. 16°.

‡[IRVINE (A.).] British Botany. Lond. [1855-6]. 8°.
Intended as a supplement to the Phytologist, New Series, vols. i. and ii.; but discontinued after p. 224.

DEAKIN (R.). Florigraphia britannica . . . Lond. 1841–8. 4 vols. 8°. Ed. 2. 1857.
R. Marnock was associated with vol. i. The work is illustrated by fairly characteristic woodcuts.

‡CHILDS (A. P.). The British Botanist's Field Book. Lond. 1857. 12°.

IRVINE (A.). Illustrated Handbook of the British Plants. Lond. 1858. 8°.

*HOOKER (W. J.), & G. A. W. ARNOTT. British Flora. Ed. 6. Lond. 1850. 8°. Ed. 8. 1860.
"Hooker and Arnott" was long the text-book of British field botanists.

‡TYAS (R.). Wild Flowers of England . . . Lond. 1859-60. 2 vols. 8°.

‡JOHNS (C. A.). Monthly Wild Flowers. Lond. 1860. 12°.

‡MILLER (T.). Common wayside Flowers . . . Lond. 1860. 4°.
Illustrations by Birket Foster.

‡LANKESTER [P.]. Wild Flowers worth notice. Lond. 1861. 8°.

‡Wild Flowers. Lond. 1861. 8°.

‡GRINDON (L. H.). Manual of British and Foreign Plants . . . Lond. 1861. 8°.

MOORE (T.). Field Botanist's Companion. Lond. 1862. 8°.
For Ed. 2. see next page.

PRATT (A.). Haunts of the Wild Flowers. Lond. 1863. 8°.

PLUES (M.). Rambles in search of Wild Flowers. Lond. 1863. 8°. Ed. 2. 1864. 12°.

‡GRINDON (L. H.). British and Garden Botany. Lond. 1864. 8°.

SOWERBY (J. de C.). Suppl. to English Botany. Lond. 1831–65. 4 vols. (and part of 5th.) 8°.
Descriptions by W. Borrer, C. C. Babington, and others.

‡[CARR (E. D.).] Flowering Plants, Ferns, and Fern allies. [Liverpool, 1865 ?] 8°.

SOWERBY (J. E.). Illustrated Key to the Natural Orders of British Wild Flowers. Lond. 1865. 8°.

‡MOORE (T.). British Wild Flowers. Lond. 1867. 8°.
New edition of Field Botanist's Companion.

‡Wild Flowers. Lond. 1867. 4°.

‡CURLEY (E.). Floral Calendar . . . 1869. 4°.

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‡HART (H. C.). List of plants . . . Aran, Galway Bay. Dublin, 1875. 8°.

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†BEESLEY (A.). History of Banbury. Lond. 1841. 8°.
T. Beesley, Botany of the neighbourhood of Banbury, pp. 571-599.

GULLIVER (G.). Catalogue of . . . Banbury Plants. Lond. 1841. 8°.

Bass Rock.

BALFOUR (J. H.). Flora of the Bass Rock. Edinb. 1847. 8°.

Bath.

BABINGTON (C. C.). Flora bathoniensis. Bath, 1834. 12°. Suppl. 1839.

Battersea.

‡PAMPLIN (W.). Rarer plants of Battersea and Clapham. Clapham, 1827. 8°.

Bedfordshire.

ABBOT (C.). Flora bedfordiensis . . . Bedford, 1798. 8°.

‡HILLHOUSE (W.). Contrib. towards a new Flora of Bedfordshire. [Bedford, 1876.] fol.

‡——— Bedfordshire Plant List for 1876. [Bedford, 1877.] 8°.

Belfast.

‡TATE (R.). Flora belfastiensis. Belfast, 1863. 8°.

Berwick.

THOMPSON (J. V.). Catalogue of Plants . . . Berwick-upon-Tweed. Lond. 1807. 8°.

*JOHNSTON (G.). Flora of Berwick-upon-Tweed. Edinb. 1829-31. 2 vols. 8°.

Braemar ***see also*** **Deeside.**

‡GARDINER (W.). Botanical Rambles in Braemar. Dundee, 1845. 12°.

‡CROMBIE (J. M.). Braemar, its . . . Nat. Hist. Aberdeen, 1861. 8°.

Brighton.

‡MERRIFIELD (M. P.). Nat. Hist of Brighton. Brighton, 1860. 8°.
Also with new title-page, 1864. The botanical portion is by W. Mitten and A. Wallis.

Bristol.

‡SWETE (E. H.). Flora bristoliensis . . . Lond. 1854. 8°.

Buckinghamshire.

‡BRITTEN (J.). Flora of Buckinghamshire. Wycombe, 1867. 12°.

Cambridge.

*[RAY (J.).] Catalogus plantarum circa Cantabrigiam nascentium . . . Cantab. 1660. 8°. Appendix, 1685.
Some copies have two title-pages, the first having a grammatical error.

MARTYN (J.). Methodus plantarum circa Cantabrigiam nascentium. Lond. 1727. 8°.

LYONS (I.). Fasciculus plantarum circa Cantabrigiam. Lond. 1763. 8°.

MARTYN (T.). Plantae cantabrigienses . . . Lond. 1763. 8°.

RELHAN (R.). Flora cantabrigiensis . . . Cantab. 1785. 8°. Supp. 1-3, 1786-93. Ed. 2. 1802. Ed. 3. 1820.

*BABINGTON (C. C.). Flora of Cambridgeshire. London, 1860.

Cheltenham.

BUCKMAN (J.). Botanical guide to . . . Cheltenham. Cheltenham, 1844. 8°.

Cheshire.

‡WARREN (J. B. L.). Notes on . . . Cheshire Flora. Lond. 1873. 8°.
Privately printed.

Clydesdale.

‡HENNEDY (R.). The Clydesdale Flora. Glasgow, 1865. 8°. Ed. 4. 1878.

‡A Contribution towards a . . . Flora of Clydesdale and the West of Scotland. Glasgow, 1876. 8°.

The botanical portion by R. McKay, J. Stirton, R. H. Paterson and J. A. Mahoney.

‡Notes on the . . . Flora of the W. of Scotland. Glasgow, 1876. 8°.

Botany by J. Ramsay and J. Stirton. This and the preceding were compiled for the Glasgow Meeting of the British Association.

Cork.

Power (T.). Botanist's Guide for the County of Cork . . . Lond. 1845. 8°.

Forms part of Contributions towards a Fauna and Flora of the County of Cork.

Cornwall, *see* Devon.

Craven.

‡Windsor (J.). Flora cravoniensis . . . Manchester, 1873. 8°.

Privately printed.

Cumberland.

‡Winch (N. J.). Remarks on the Flora of Cumberland. Newcastle, [1825]. 8°.

Criticisms on the List by W. Richardson, given in W. Hutchinson's History of Cumberland (Carlisle, 1794), and adopted by Turner and Dillwyn in the Botanist's Guide.

——— Contributions to the Flora of Cumberland . . . Newcastle, 1833. 4°.

Deeside.

‡Macgillivray (W.). Nat. Hist. of Deeside and Braemar. Lond. 1855. 8°.

Botanical portion by several hands; privately printed by command of the Queen, who purchased the MS. at the author's death.

Derbyshire.

‡Leigh (C.). Nat. Hist. of . . . the Peak. Oxford, 1700. fol.

‡Smith (G.). Ferns of Derbyshire. Lond. 1878. 8°.

Illustrated.

Devon.

Jones (J. P.). Botanical tour through . . . Devon and Cornwall. Exeter, 1820. 12°.

*———, and J. F. Kingston. Flora Devoniensis. Lond. 1829. 8°.

‡Ravenshaw (T. F.). New List of the Flowering Plants and Ferns of Devon. Ilfracombe, 1860. 8°.

*‡KEYS (I. W. N.). Flora of Devon and Cornwall. Plymouth, 1865–71. 8°.

First appeared in Trans. Plymouth Institution, etc., 1865-6.

‡BRITTEN (J.). Botany of Devonshire. Sheffield, 1878. 8°.

A list reprinted from W. White's County Directory.

CHANTER (C.). Ferny combes. Ed. 2. Lond. 1856. 8°.

‡BRENT (F.), & E. M. HOLMES. Mosses of Devon and Cornwall. Plymouth, [1871]. 8°.

Privately printed.

‡HOLMES (E. M.). Scale Mosses, Liverworts and Lichens of Devon and Cornwall. Plymouth, 1865. 8°.

‡BELLAMY (J. C.). Nat. Hist. South Devon. Lond. 1840. 8°.

‡D'URBAN (W. S. M.). Nat. Hist. . . . South Devon. Exeter, 1876. 8°.

‡EDWARDS (Z. J.). Ferns of the Axe . . . Chard, 1861. 8°.

‡HALLE (H. F.). Letters . . . botanical . . . Vale of Teign. Lond. 1851. 8°.

The author speaks of "Littlefrogians" when he means Ranunculaceae.

Dorsetshire.

PULTENEY (R.). Catalogues of . . . rare Plants of Dorsetshire. Lond. 1799. fol. Ed. 2. with additions, 1813.

*‡MANSEL-PLEYDELL (J. C.). Flora of Dorsetshire. Lond. 1874. 8°.

Dover.

[PALEY (F. A.).] Wild flowers of Dover. Dover, [1850?]. 16°.

Dublin.

NICHOLSON (H.). Methodus pl. . . . dublinensis. Dublin, 1712. 4°.

WADE (W.). Cat. pl. . . . in comitatu dublinensi. Dubl. 1794. 8°.

Part 1 only issued.

‡MACALISTER (A.), & W. R. MCNAB. Guide to the County of Dublin. Dublin, 1878. 8°.

Flora, pp. 112-219; issued for the British Association Meeting.

Durham, *see* Northumberland.

Eastbourne.

‡ROPER (F. C. S.). Suppl. to the . . . Flora of Eastbourne. [Eastbourne,] 1873. 8°.

Privately printed. The Flora in question was issued in the Proceedings of the Eastbourne Natural History Society.

‡——— Flora of Eastbourne. Lond. 1875. 8°.

Edinburgh.

‡STEWART (J.). Hortus cryptogamicus edinensis . . . (Ser. 1. No. 1). Edinb. 1819. 8°.

GREVILLE (R. K.). Flora edinensis. Edinb. 1824. 8°.

WOODFORDE (J.). Indigenous Phaenogamic Plants . . . of Edinburgh. Edinb. 1824. 12°.

Contains a few Cryptogams.

BALFOUR (J. H.), & J. SADLER. Flora of Edinburgh. Edinb. 1863. 8°.

An inadequate book.

Egham.

‡WHALE (W.). Egham Wild Flowers. Egham, [1875 ?]. 12°.

Essex.

*GIBSON (G. S.). Flora of Essex. Lond. 1862. 8°.

Exeter.

‡D'URBAN (W. S. M.). Nat. Hist. of the neighbourhood of Exeter. Exeter, [1876]. 12°.

The Handbook of Exeter . . . Botany, pp. xviii-xxv.

Falmouth.

‡BASTIAN (H. C.). Flora of Falmouth . . . [Falmouth ? 1850 ?] 8°.

Faversham.

*JACOB (E.). Plantae favershamienses. Lond. 1777. 8°.

Folkestone.

‡ULLYETT (H.). The neighbourhood of Folkestone. Folkestone, 1870. 8°.

Forfarshire.

*GARDINER (W.). Flora of Forfarshire. Lond. 1848. 8°.

Glasgow.

HOPKIRK (T.). Flora glottiana. Glasgow, 1813. 8°.

Gloucestershire.

‡BOULGER (G. S.). Notes preliminary to a proposed Flora of Gloucestershire. [Gloucester, 1877.] 8°.

‡——— Report of Progress . . . [Gloucester, 1878.] 8°.

Guernsey.

BABINGTON (C. C.). Primitiae florae sarnicae . . . London, 1839. 8°.

Halifax.

*BOLTON (J.). History of Funguses about Halifax. Halifax, 1788-91. 4°.

Germ. transl. Berlin, 1795-1820. 8°.

Hants.

‡BRITTEN (J.). Botany of Hampshire. Sheffield, 1877. 8°.

A list reprinted from W. White's Directory of the County.

‡TOWNSEND (F.). Notes on the Flora of Hampshire. [Lond. 1879.] 8°.

Privately printed.

‡WISE (J. R.). The New Forest . . . Lond. 1863. 4°. Ed. 4. 1880. 8°.

Appendix 2. Flowering Plants, pp. 288-306.

Hampstead.

JOHNSON (T.). Ericetum hamstedianum. Lond. 1629. 4°.

The earliest English local Flora; reprinted with the other works of the author in 1847.

——— Enumeratio pl. . . . Lond. 1632. 8°.

Forms pp. 39-45 of the Descr. itineris . . . cantianum; see Kent, page 254.

Harefield.

BLACKSTONE (J.). Fasciculus pl. circa Harefield sponte nascentium. Lond. 1737. 12°.

Harrow.

†MELVILL (J. C.). Flora of Harrow. Lond. 1864. 8°. Ed. 2. (by W. M. Hind), 1876.

Harting.

‡GORDON (H. D.). History of Harting. Lond. 1877. 8°.

Flora, by J. Weaver, pp. 459-489.

Hebrides.

BALFOUR (J. H.), & C. C. BABINGTON. Vegetation of the outer Hebrides. Edinb. 1841. 8°.

Herefordshire.

‡PURCHAS (W. H.). Flora of Herefordshire (Pt. 1). Hereford, 1867. 8°.

Herts.

‡WEBB (R. H.), & W. H. COLEMAN. Report on the Progress made . . . Flora hertfordiensis. [Hertford, 1843.] 12°.

*†——— Flora hertfordiensis . . . Lond. 1849. 8°. Supps. 1851-9.

Hitcham.

‡HENSLOW (J. S.). British Plants . . . parish of Hitcham. Ipswich, [1855]. fol.

High Wycombe.

‡BRITTEN (J.). Flora of High Wycombe. High Wycombe, 1875. 8°.
Forms pp. 137-142 of the Local Guide and Directory for the town.

Huddersfield.

‡HOBKIRK (C. P.). Huddersfield, its History and Natural History. Lond. 1859. 8°. Ed. 2. Huddersfield, 1868.

Hull.

‡NORMAN (G.). Diatoms occurring in the neighbourhood of Hull. Hull, 1859. 8°. Ed. 2. 1865.

Inish-Bofin.

‡MORE (A. G.). Report . . . Flora of Inish-Bofin. Dubl. 1876. 8°.

Inverness-shire.

‡SADLER (J.). Botanical Trip to Ben Nevis. Lond. [1877]. 12°.

Isle of Wight.

‡[SNOOKE (W. D.).] Flora vectiana. Lond. 1823. 8°.

‡BROMFIELD (W. A.). List of Plants likely to be found wild in the Isle of Wight. Ryde, 1840. 12°.

‡MARTIN (G. A.). Undercliff of the Isle of Wight. Lond. 1849. 8°.
The Botanical portion chiefly by W. A. Bromfield.

‡[BROMFIELD (W. A.).] Botanico-Topographical Map of the Isle of Wight. Lond. 1850.

*——— Flora vectensis. Lond. 1856. 8°.
Completed after the author's death by T. B. Salter and others.

‡MORE (A. G.). Suppl. to Flora vectensis. Lond. 1871. 8°.

Kent.

JOHNSON (T.). Iter . . . in agrum cantianum . . . Lond. 1629. 4°.

——— Descriptio . . . in agrum cantianum . . . Lond. 1632. 8°.

*COWELL (M. H.). Floral Guide for East Kent, etc. Faversham, 1839. 8°.

*SMITH (G. E.). Catalogue of rare . . . plants . . . in South Kent . . . Lond. 1829. 8°.

‡[CURREY (F.).] On the Botany of the District . . . Lond. 1858. 8°.
The boundaries were the Rivers Cray, Ravensbourne and Thames, in Kent; issued as a first Report of the Botanical Committee of the Greenwich Natural History Club.

Kilkee.

‡W[ARD] (N. B.). Aspects of Nature. Clapham, [1864]. 8°.
Vegetation of Kilkee, County Clare, Ireland.

Lanarkshire.

‡PATRICK (W.). Plants of Lanarkshire. Edinb. 1831. 12°.

Leicestershire.

PULTENEY (R.). Catalogue of rare plants . . . of Leicester . . . Lond. 1790. fol.
From Nichols's History of Leicestershire.

†KIRBY (M.). Flora of Leicestershire . . . Leicester, 1848. 8°. [Ed. 2.] Lond. 1850.

‡COLEMAN (W. H.). Botany of Leicestershire and Rutlandshire. Sheffield, 1876. 8°.
Revised by J. Britten; reprinted from White's Directory of the Counties.

‡POTTER (T. R.). Charnwood Forest . . . Lond. 1842. 4°.
Flora, pp. 35-62, by A. Bloxam, assisted by C. C. Babington.

‡BAKER (J. G.). Physical History of the Vale of Mowbray. Ripon, 1858. 8°.
Privately printed.

Lincolnshire.

‡BRITTEN (J.). List of Lincolnshire Pla[illegible] [Sheffield, 1872.] 8°.
Reprinted from White's Directory of the County.

Liverpool.

HALL (J. B.). Flora of Liverpool. Lond. [1839]. 12°.

†DICKINSON (J.). Flora of Liverpool. Liverpool, 1851. 8°.
Supp. 1855. (Musci and Hepaticae by F. P. Marrat.)

‡Liverpool Flora. List by L. Naturalists' Field Club. Liverpool, 1872–6. 8°.

Lizard Point.

‡JOHNS (C. A.). A week at the Lizard. Lond. 1848. 16°.

Llandudno.

‡[INCHBALD (P.).] Llandudno Botany. Llandudno, [1864]. 12°.

London.

‡PETIVER (J.). Botanicum londinense . . . Lond. 1709? 4°.
This was a reprint from Memoires for the Curious; I have only seen the scraps of it in Petiver's Herbarium, and it was not included in the reprints of that author's works in 1764 or 1767.

[CURTIS (W.).] Plants . . . wild in the environs of London. [Lond.] 1774. 8°.

*——— Flora londinensis. Lond. 1777–87. fol.

A splendid work; the outline and colouring of the plants leave nothing to be desired, and the descriptions are equally good.

——— Abridgment of the Flora londinensis. [Lond.] 1792. 8°.

MILNE (C.), & A. GORDON. Indigenous Botany . . . Vol. i. Lond. 1793. 8°.

No more issued.

[COCKFIELD (J.).] Catalogue of scarce plants . . . London. Lond. 1813. 12°.

*CURTIS (W.). Flora londinensis. (New ed. by G. Graves and W. J. Hooker.) Lond. 1817–28. 5 vols. fol.

COOPER (D.). Flora metropolitana. Lond. 1836. 8°. Suppl. 1837.

Lists of plants found in certain localities.

IRVINE (A.). London Flora. Lond. 1838. 8°.

The Index contains much information not usually sought for there.

‡DE CRESPIGNY (E. C.). A New London Flora. Lond. 1877. 8°.

The author might have compiled a much better book than this, had he chosen to avail himself of materials within easy reach.

‡WARREN (J. L.). Flora of Hyde Park and Kensington Gardens. Lond. 1871. 8°.

Malvern, *see* Worcestershire.

Manchester.

WOOD (J. B.). Flora mancuniensis. Halifax, 1840. 8°.

†BUXTON (R.). Bot. Guide to Manchester. Lond. 1849. 12°. Ed. 2. 1859. 8°.

*‡GRINDON (L. H.). Manchester Flora. Lond. 1859. 8°.

‡——— Manchester . . . Walks and Wild Flowers. Lond. [1859]. 8°.

‡——— Summer Rambles in Cheshire, Derbyshire, Lancashire, and Yorkshire. (Sequel to above.) Manch. 1866. 8°.

Market Bosworth.

‡POWER (J.). Calendar of Flora at Market Bosworth. Hinckley, 1807. 4°.

Marlborough.

‡PRESTON (T. A.). Flora of Marlborough. Lond. 1863. 8°. Ed. 2. Marlborough, 1870–6.

Descriptive, special attention being paid to the dates of flowering of the plants of the district. "— from an accidental omission, very few entire copies [of Ed. 2.] are in existence."

Matlock.

‡ADAM (W.). The Gem of the Peak. Lond. [1838]. 8°.
Botany of the High and Low Peak, pp. 248-252.

Middlesex.

*TRIMEN (H.), & W. T. T. DYER. Flora of Middlesex . . . Lond. 1868. 8°.

Moffat.

‡O. [*i.e.* J. MOFFATT.]. The Ferns of Moffat: a collection of the Ferns found in the neighbourhood of Moffat, with popular descriptions and localities of all the known species. Moffat, 1863. fol.

Lanark.

‡PATRICK (W.). A popular description of the indigenous plants of Lanarkshire . . . Edinb. 1831. 12°.

Moray.

[GORDON (G.).] Collectanea for a Flora of Moray . . . Lond. 1839. 8°.

New Forest, *see* Hants.

Newbury.

‡[RUSSELL (A.).] Catalogue of Plants . . . Newbury, 1839. 8°.
For observations on this list, see Phytologist, iii. 716.

Norfolk.

TRIMMER (K.). Flora of Norfolk. Norwich, 1866. 12°.

Northamptonshire.

MORTON (J.). Nat. Hist. of Northamptonshire . . . Lond. 1712. fol.
Of the Plants, pp. 360-407.

Northumberland.

‡WALLIS (J.). Natural History of Northumberland. Lond. 1769. 2 vols. 4°.
The botanical portion is in vol. i.

*†[WINCH (N. J.), J. THORNHILL, & R. WAUGH.] Botanist's guide through . . . Northumberland and Durham. Vol. i. Newcastle, 1805. 8°. Vol. ii. Gateshead, 1807.

——— Flora of Northumberland and Durham. Newcastle, 1831. 4°. Addenda, 1836.

*‡BAKER (J. G.), & G. R. TATE. New Flora of Northumberland and Durham. Lond. 1868. 8°.
Forms vol. ii. of the Nat. Hist. Trans. of Northumb. and Durham.

Nottinghamshire.

DEERING (C.). Catalogus stirpium . . . Nottingham. Nottingham, 1738. 8°.

ORDOYNO (T.). Flora nottinghamiensis. Newark, 1807. 8°.
HOWITT (G.). Nottinghamshire Flora. Lond. 1829. 8°.
———, & W. VALENTINE. Muscologia nottinghamensis. Nottingham, 1833. 8°.

Orkney.

WALLACE (J.). Description of the isles of Orkney. Edinb. 1693. 8°.
Contains a catalogue of the native plants.

Oxfordshire.

‡PLOT (R.). Oxfordshire . . . Oxford, 1677. fol. Ed. 2. 1705.
Of Plants, pp. 147-178; some copies of ed. 1. are undated.

SIBTHORP (J.). Flora oxoniensis. Oxonii, 1794. 8°.
*WALKER (R.). Flora of Oxfordshire and its contiguous counties . . . Oxford, 1833. 8°.
Contains also by C. G. B. Daubeny, Proposed Index to Oxfordshire Flora, which has been quoted as a separate work.

‡MASTERS (M. T.). Flowering Plants and Ferns of Oxfordshire . . . Oxford, 1857. 8°.

Perthshire.

‡[PAMPLIN (W.), & A. IRVINE.] Botanical Tour in . . . Perthshire. Lond. 1857. 8°.
Published under the authors' initials.

Peterborough.

‡PALEY (F. A.). List of 400 Wild Flowering Plants . . . of Peterborough. Lond. 1860. 8°.
Does not contain any Glumiferae or Trees.

Plymouth.

BANKS (G.). Plymouth and Devonport Flora. Devonport, 1830–2. 8°.
*‡BRIGGS (T. R. A.). Flora of Plymouth. Lond. 1880. 8°.
The sole blemish on this admirable local Flora is the incompleteness of the Indexes.

Poole.

SALTER (T. B.). Botany of Poole . . . Poole, 1839. 8°.

Portshead.

‡DUCK (J. N.). Natural History of Portshead. Bristol, 1852. 12°.
Botany, pp. 39-49; Botanical List, pp. 62-65.

Reigate.

*LUXFORD (G.). Flora of Reigate . . . Lond. 1838. 8°.
BREWER (J. A.). New Flora of Reigate. Lond. 1856. 8°.

Repton.

‡[Wyatt (W.), & C. G. Thornton.] Flora repandunensis. Derby, 1866. 8°.

Rugby.

‡Cumming (L.), & H. W. Trott. Register of Plants . . . Rugby, 1876. 8°.

Rutland, *see* **Leicestershire.**

Salisbury.

Smith (H.). Flora sarisburiensis . . . Salisb. 1817. 8°.

‡Maton (G.). Natural History of . . . Wilts . . . 10 miles round Salisbury. Lond. 1843. 8°.
Posthumous.

Scarborough.

‡[Travis (W.).] Cat. pl. circa Scarborough . . . [Scarb. ? 1800 ?] 4°.
A single page. Dryander is responsible for the author's name, see Bibl. Banks, v. 69.

Settle.

‡Curtis (W.). Catalogue . . . Settle. [Lond. 1782.] fol.
Issued with his Flora londinensis.

Shetland.

Edmonston (T.). Flora of Shetland. Aberdeen, 1845. 8°.

Shropshire.

*Leighton (W. A.). Flora of Shropshire. Shrewsbury, 1841. 8°.

‡Phillips (W.). Filices, Lycopodiaceae . . . of Shropshire. Shrewsbury, 1877. 8°.
Privately printed.

‡——— Guide to the Botany . . . of Shrewsbury. Shrewsbury, 1878. 8°.

‡Anslow (R.). The Study of Mosses . . . of the Wrekin. Wellington, 1868. 8°.

Sidmouth.

Cullen (W. H.). Flora sidostiensis . . . Sidmouth, 1849. 8°.

Southport.

‡Glazebrooke (T. K.). Guide to Southport. Lond. 1826. 8°.

Staffordshire.

‡Plot (R.). Nat. Hist. of Staffordshire. Oxford, 1686. fol.
Of Plants, pp. 199-227.

‡GARNER (R.). Nat. Hist. . . . County of Stafford . . . Lond. 1844. 8°.
Botany, pp. 333-445.

Stockton.

‡HOGG (J.). Nat. Hist. . . . of Stockton-on-Tees. Stockton, 1827. 8°.
Plants, pp. 39-69.

Suffolk.

HENSLOW (J. S.), & E. SKEPPER. Flora of Suffolk. Lond. [1860]. 8°.

Surrey.

‡SALMON (J. D.). Flora of Surrey . . . Lond. 1852. 8°.
Reprinted from the Phytologist, a mere sketch.

*BREWER (J. A.). Flora of Surrey. Lond. 1863. 8°.
Completed by the titular author from materials left by Salmon.

‡BENNETT (A.). Notes on the Flora of Surrey. [Croydon, 1880.] 8°.

Sussex.

COOPER (J. H.). Botany of Sussex. Lewes, 1834. 8°.

‡HEMSLEY (W. B.). Outline of the Flora of Sussex. Lond. 1875. 8°.
First issued as a Supplement to the Journal of Botany.

‡SMITH (C. P.). Moss Flora of Sussex . . . Brighton, 1870. 8°.

Sutton Colefield.

‡BAGNALL (J. E.). Sutton Park; its Flowering Plants, Ferns and Mosses. Birmingham, [1877]. 8°.

Swansea.

DILLWYN (L. W.). Flora of Swansea. Swansea, 1848. 8°.
"Not published."

Tenby.

F[ALCONER] (R. W.). Catalogue of Tenby Plants. Lond. 1848. 8°.
The author's name is given on the coloured wrapper, but only his initials elsewhere. Most of the copies do not possess the wrapper referred to.

Thanet.

FLOWER (T. B.). Flora thanetensis. Ramsgate, 1847. 12°.

Tixall.

CLIFFORD (T. H.). Flora tixalliana. Flore des environs de Tixall. Paris, 1818. 4°.
I have not seen this, but it is probably a re-issue of Flora tixalliana; or a catalogue of the most remarkable phaenogamous Plants to be found within a morning's ride of Tixall, pp. 285-308 of T. & A. Clifford's Topog. and Historical Descr. of the Parish . . . [in Staffordshire]. Paris, 1817. 4°.

Torquay.

‡Stewart (R.). The Torquay Flora. Torquay, 1860. 8°.

Totnes.

‡Hannaford (S.). Flora tottoniensis. Lond. 1851. 8°. Suppl. [1852.]

Tunbridge Wells.

‡[Forster (T. F.).] List of the rare plants . . . Tunbridge Wells, [Lond. 1801.] 8°.

——— Flora tonbridgensis. Lond. 1816. 8°. Suppl. 1842.

There is said to be an edition "Paris, 1816."

‡[———] Botanical Pocket Book, with . . . rarer plants of the neighbourhood. Tunbr. Wells, 1840. 12°.

Intended for the insertion of localities, a space being left for each species.

*Jenner (E.). Flora of Tunbridge Wells. Tunbr. Wells, [1845]. 8°.

‡Deakin (R.). Flowering Plants of Tunbridge Wells. Tun. Wells, 187[0–]1. 8°. Ed. 2? 1876.

Tutbury.

‡Mosley (O.). Nat. Hist. of Tutbury. Lond. 1863. 8°.

Botanical portion by E. Brown, A. Bloxam, and W. H. Coleman.

Ulster.

‡Dickie (J.). Flora of Ulster. Belfast, 1864. 8°.

Wakefield.

‡Gissing (T. W.). Materials for a Flora of Wakefield. Huddersfield, 1867. 8°.

‡——— The Ferns and Fern allies of Wakefield . . . Wakefield, 1862. 8°.

The illustrations, which are very poor, by J. E. Sowerby.

Warrington.

Crosfield (G.). Calendar of Flora at Warrington. Warrington, 1809. 8°.

Warwickshire.

Perry (W. G.). Plantae varvicenses selectae . . . Warwick, 1820. 8°.

‡Bagnall (J. E.). Distrib. of the genus Rosa in Warwickshire. [Birmingham, 1878.] 8°.

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,, 2. ——— Desc. Forest Trees, pp. 17-26, with plan.
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,, v. ,, 35th & 32nd Parallel, California, under R. S. Williamson.
Plants, by J. Torrey, pp. 359-370, tt. 1-10.
Botanical report, by E. Durand & T. C. Hilyard, pp. 3-15, tt. 1-18.
,, vi. 1857. California and Oregon, under R. S. Williamson.
No. 1. J. S. Newberry, Report on the Botany of the Route, pp. 3-64, tt. 1-10. (Trees.)
,, 2. Newberry, assisted by Torrey & Gray, General Catalogue of the Plants collected, pp. 65-93.
,, ,, W. S. Sullivant, Mosses and Liverworts, pp. 93-94.
,, ,, E. Tuckerman, Lichens, p. 94.
Index, pp. 95-102; tt. 11-16.
,, vii. ,, 32nd Parallel and California, under J. G. Parke.
J. Torrey, Botanical Report, pp. 3-28, tt. 1-7.
T. Antisell, Localities, pp. 23-26.

Vol. viii.-xi. 1857-61. Contain no Botany.
,, xii. 1860. 47th & 49th Parallels, under I. Stevens.
No. 1. J. G. Cooper, Report on the Botany of the Route, pp. 13-39.
,, 2. Cat. plants collected East of the Rocky Mountains, pp. 40-49.
,, 3. Cat. plants, Washington Territory, pp. 50-71, with two Algae by S. Ashmead.
Index, 4 pp., tt. 1-6.

I have thus summarized the botanical contents of these volumes, giving the commanders of each expedition, the headings adopted on each series of plates, and particulars of pagination. Each report seems to have been published as it was received, without much regard to uniformity in plan of issue.

†Wood (A.). Class-Book of Botany . . . Boston, 1845. 8°. Ed. [3?] New York, 1864.

†Miller (M.). Wild Flowers of North America. Lond. 1867. 4°.

Only Part 1 appeared.

‡[Mann (H.).] Cat. phaenogamous plants of the U.S. east of the Mississippi. Cambr. [1868]. 8°.

‡Bell (W. A). New Tracks in North America. Lond. 1869. 2 vols. 8°.

Appx., Botany by C. C. Parry, pp. 285-302; other botanical information in body of work, with four plates of plants.

*Watson (S.), & D. C. Eaton. Botany of the . . . fortieth parallel (U.S.A.). Washington, 1871. 4°.

‡Wood (A.). The American Botanist and Florist . . . New York, 1871. 8°.

‡Mann (H.). Cat. of Phaenogams and Vascular Cryptogams of the U. S. Cambr. 1872. 8°.

‡Trautvetter (E. R. von). Plantarum . . . in America . . . et . . . Daghestania . . . Petrop. 1875. 8°.

‡Koehler (A.). Practical Botany, structural and systematic. New York, 1876. 8°.

‡Wood (A.). New illustrated Plant Record. New York, 1877. 8°.

‡Rothrock (J. T.). Botany [of the] U. S. Geographical surveys west of the one hundredth meridian . . . in charge of . . . G. M. Wheeler. Washington, 1878. 4°.

Forms vol. vi. of the Official Reports. Several other botanists assisted.

‡HAYDEN (F. V.). Reports of the U. S. Geological Survey . . . Washington, 1867. 8°.→

Botanical portions by T. C. Porter, C. C. Parry, and J. M. Coulter; the Fossil Botany by L. Lesquereux. From a mere sketch of the Geological features of the various districts, these reports are now extended so as to embrace a large amount of descriptive Natural History.

*‡GOODALE (G. L.). Wild Flowers of America. Boston, 1877. 4°.→

Illustrations by I. Sprague.

*‡MEEHAN (T.). Native flowers and ferns of the U. S. Boston, 1878. 4°.→

*‡GRAY (A.). Synoptical Flora of North America. New York, 1878. 8°.→

This is intended to continue and complete the work left unfinished in 1843. It begins with Gamopetalae after Compositae.

*‡WATSON (S.). Bibliographical Index to North American Botany. Washington, 1878. 8°.→

An invaluable help to American Botany;—the publication of new genera and species has been made in so detached and fragmentary a fashion, that some such work as this is absolutely necessary to avoid great loss of time and possible errors. The later generations of American botanists will have much cause to blame their elders for the modes of issue adopted during the last thirty years, in magazines and official reports, awkward to consult, and cumbrous to quote.

ENGELMANN (G.). Cacteae of United States. Camb. (U.S.A.), 1856. 8°.

‡BARRATT (J.). North American Carices. Middletown, 1840. 8°.

A set of labels, with occasional remarks.

MUHLENBERG (D. H.). Descriptio uberior graminum et pl. calamarium Americae septentrionalis . . . Philad. 1817. 8°.

‡MARCHAL (E.). Revision des Hédéracées américaines. Brux. 1879. 8°.

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‡BARRATT (J.). Salices americanae. Middletown, 1840. 4°.

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‡DES MOULINS (C.). Vites bor. americanae. Bordeaux, 1862. 8°.

‡REGEL (E.). Conspectus specierum Vitis . . . Petrop. 1873. 8°.

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‡BECK (L. C.). Synoptical table of the Ferns and Mosses of the U. S. Ed. 2. 1849.

PLUMIER (C.). Filicetum americanum . . . Paris, 1703. fol.
‡PETIVER (J.). Pterigraphia americana . . . [Lond. 1712.] fol.
‡ROBINSON (J.). Ferns of North America. Salem, 1873. 8°.
A "check list" only.

‡——— Ferns in their homes. Salem, 1878. 12°.
‡WILLIAMSON (J.). Fern Etchings. Ed. 2. Louisville, 1879. 4°.
*‡EATON (D. C.). Ferns of North America. Salem, [1877–80]. 2 vols. 4°. Lond. [1878–].→
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Reprinted from Gray's Manual, Ed. 2.

‡——— & L. LESQUEREUX. Musci boreali americani. Columbi Ohioensium, 1856. 8°.
*†——— Icones muscorum. Cambr. U. S. 1864–74. 2 vols. 8°.
‡——— Icones muscorum. New York, 1875. 8°.
Illustrations of Mosses peculiar to North America.

‡RAU (A. E.), & A. B. HERVEY. Cat. of North American Musci. Taunton, 1880. 8°.
‡AUSTIN (C. F.). Hepaticae Boreali-americanae. Closter, 1873. 8°.
*HARVEY (W. H.). Nereis boreali-americana . . . New York, 1858. 4°.
‡WOOD (H. C.). Freshwater Algae of North America. [Washington], 1872. 4°.
‡BAILEY (J. W.). Exam. of Soundings made off . . . the coast of the U. S. Washington, 1851. 4°.
‡——— New species of microscopic organisms (Diatomaceae). Wash. 1851. 4°.
‡LEWIS (F. W.). Notes on . . . Diatomaceae . . . U. S. seaboard. Philad. 1861. 8°.
‡ALLEN (T. G.). Characeae americanae . . . New York, 1879. 4°.→
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‡——— Genera lichenum; an arrangement of the N. A. Lichens . . . Amherst, 1872. 8°.

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*†CHAPMAN (A. W.). Flora of the Southern United States. New York, 1860. 8°. [Ed. 3 ?] (new title-page only), 1872.

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‡Petiver (J.). Virtues of several sovereign Plants, found wild in Maryland. [Lond. 1714?] fol.

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‡Hitchcock (E.). Report on the . . . botany . . . of Massachusetts. Amherst, 1833. 8°. Atlas.

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‡HALE (T. J.). Additions to the Flora of Wisconsin. [Madison, 1860.] 8°.
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‡WATT (D. A. P.). Botanical Notes. [Montreal, 1869.] 8°.
‡MOYEN (J.). Cours élémentaire de botanique et flore de Canada. . . . Montreal, 1871. 8°.
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‡ROUSSEL (E.). Enum. des champignons récoltés par M. T. Husnot, aux Antilles françaises en 1868. Caen, 1871. 8°.

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‡LIGON (A.). Barbadoes . . . principal Trees and Plants . . . Lond. 1657. fol. Also in 1673.

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‡LA SAGRA (R. de). Histoire . . . de l'île de Cuba . . Botanique, pl. cellulaires, par C. Montagne, pl. vasc. par A. Richard. Paris, 1838–42. 8°.

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*‡La Sagra (R. de). Flora cubana, ó descripcion botanica, usos, y applicaciones . . . de Cuba. Paris, 1853. 4 vols. fol.

Vol. i. Cryptogams by C. Montagne, vols. ii. & iii. Phanerogams by A. Richard, vol. iv. Atlas.

*†——— Historia fisica . . . de Cuba. Madrid, 1849–61. 13 vols. fol. [Botany] vols. ix.–xii. 1845–55.

Plants as above, by Richard and Montagne.

*‡——— Icones pl. in Flora cubana desc. Paris, 1863. fol.

*Grisebach (A. H. R.). Cat. pl. cubensium exhibens collectionem wrightianam . . . Lipsiae, 1866. 8°.

‡Sauvalle (F. A.). Flora cubana. Havannae, 1873. 8°.

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Buée (W. U.). Clove tree in Dominica . . . London, 1797. 4°.

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*——— Voyage to the Islands Madera . . . and Jamaica. Lond. 1707–25. 2 vols. fol.

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‡Macfadyen (J.). List of Plants growing in the plain of Liguanea, St. Andrews. [Kingston, 1830 ?] 12°.

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ORBIGNY (S. d'). L'Amerique meridionale. Vol. vii. Paris, 1839–47. 4°.

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*MIERS (J.). Illustrations of South American plants. Lond. 1846–57. 4°.

*‡——— Apocynaceae of South America. Lond. 1878. 4°.

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HOOKER (W. J.). Plantae cryptogamicae . . . orbis novi aequinoctiali . . . Lond. 1816. 4°.

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*MITTEN (W.). Musci austro-americani. Lond. 1859. 8°.

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‡CUNNINGHAM (R. O.). Nat. Hist. . . . Straits of Magellan . . . Edinb. 1871. 8°.

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REMY (J.). Analecta boliviana . . . Paris, 1847. 8°.

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‡MARTIUS (K. F. P. von). L. [*i.e.* 50] tabulae vegetationis in Brasilia physiognomiam illustrantes. [Lips. ?] 1856. fol.

‡LIAIS (E.). Climat, géologie, faune et géographie botanique du Brésil . . . Paris, 1872. 8°.

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‡RADDI (G.). Di alcune specie nuove di rettilie piante Brasiliane. Modena, 1820. 4°.

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‡ST.-HILAIRE (A. de). Aperçu d'un voyage dans l'interieur du Brésil . . . Paris, 1823. 4°.

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*Martius (C. F. P. von). Nova genera et species plantarum . . Monachii, 1824-32. 3 vols. fol.

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Allemão (F. F.). Plantas novas do Brasil. Rio, 1867. 8°.

*Martius (C. F. P. von). Flora brasiliensis. Stuttg. 1829-33. 8°.

‡Pinto (A.). Diccionario de botanica brasileira . . . Rio, 1873. 8°.

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A royal work, conducted afterwards by S. Endlicher, then by E. Fenzl, and now by A. W. Eichler. The authors of fasciculi i.-l. are given by Pritzel, Thes. 2. No. 5902 (see also 10603); fasc. li.-lxxxii. stand thus:—Alsinaceae, P. Rohrbach; Amarantaceae, M. Seubert; Ampelideae, J. G. Baker; Anacardiaceae, A. Engler; Araceae, Engler; Aristolochiaceae, M. T. Masters; Bixaceae, A. W. Eichler; Burseraceae, Engler; Callitrichineae, F. Hegelmaier; Canellaceae, Eichler; Cistaceae, Eichler; Compositae, Baker; Connaraceae, Baker; Crassulaceae, Eichler; Cucurbitaceae, A. Cogniaux; Cunoniaceae, Baker; Cuscutaceae, A. Progel; Droseraceae, Eichler; Elatinaceae, Rohrbach; Equisetaceae, J. Milde; Erythroxylaceae, J. Peyritsch; Escalloniae, Engler; Euphorbiaceae, J. Mueller; Ficoidaceae, Rohrbach; Gramineae, J. C. Doell; Geraniaceae, Progel; Hederaceae, E. Marchal; Hippocrateaceae, Peyritsch; Humiriaceae, I. Urban; Hydroleaceae, A. W. Bennett; Hypericaceae, H. G. Reichardt; Icacineae, Engler; Irideae, F. G. Klatt; Leguminosae (cont.), G. Bentham; Lemnaceae, Hegelmaier; Lineae, Urban; Lobeliaceae, A. Kanitz; Lythraceae, A. Koehne; Marcgraviaceae, L. Wittmack; Meliaceae, C. de Candolle; Molluginaceae, Rohrbach; Nyctagineae, J. A. Schmidt; Nymphaeaceae, R. Caspary; Ochnaceae, Engler; Olacineae, Engler; Onagraceae, M. Micheli; Oxalideae, Progel; Passifloraceae, Masters; Pedalineae, Bennett; Phytolaccaceae, Schmidt; Plantagineae, Schmidt; Plumbagineae, Schmidt; Polygaleae, Bennett; Portulacaceae, Rohrbach; Rafflesiaceae, H. Solms-Laubach; Rhizophoraceae, Engler; Rutaceae, Engler; Sabiaceae, Engler; Sauvagesiaceae, Eichler; Silenaceae, Rohrbach; Simarubaceae, Engler; Trigoniaceae, E. Warming; Tropaeolaceae, Rohrbach; Umbelliferae, Urban; Violaceae, Eichler; Vivianiaceae, Progel; Vochysiaceae, Warming; Zygophyllaceae, Engler.

The English botanists who co-operated in fasc. i.-l. were J. G. Baker, G. Bentham, and J. D. Hooker.

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‡Engler (A.). Verwandsch. Verhaeltn. der Rutaceae, Simarubaceae und Burseraceae. Halle, 1874. 4°.

Nees von Esenbeck (C. G.). Agrostologia brasiliensis. Stuttg. 1829. 8°.

*‡PEYRITSCH (J.). Aroideae maximilianae. Wien, 1879. fol.

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‡COGNIAUX (A.). Remarques sur les Cucurbitacées bresiliennes. Gand, 1879. 8°.

‡STRADELMEYER (E.). Echitis species brasilienses novae . . . Monachii, 1840. 8°.

‡GOMES (B. A.). Memoria sobre a ipecacuanha fusca do Brasil, ou cipó das nossas boticas. Lisboa, 1801. 4°.

‡RADDI (G.). Melastome brasiliane. Modena, 1828. 4°.

BERG (O. C.). Florae brasiliensis Myrtographia. Lips. 1855. fol.

‡MICHELI (M.). Notes sur les Onagrariées du Brésil . . . Genève, 1874. 8°.

‡HENSCHEN (S.). Études . . . Peperomia, . . . de Caldas, Brasil. Upsala, 1873. 4°.

MARTIUS (C. F. P. von). Icones plantarum cryptogamicarum . . . Monachii, 1828–34. fol.

FÉE (A. L. A.). Cryptogames vasculaires du Brésil. Paris, 1869. 4°.

‡——— & F. M. GLAZIOU. Cryptogames vasculaires . . . du Brésil. Paris, 1870-73. 2 vols. 4°.

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‡NETTO (L.). Botanica applicado no Brasil. Rio, 1871. 8°.

‡SALDANHA DA GAMA (J. de). Classement botanique des plantes alimentaires du Brésil. Paris, 1867. 4°.

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†MARTIUS (C. F. P. von). Syst. materiae medicae veget. brasiliensis. Lips. 1843. 8°.

‡MOREIRA (N. J.). Diccionario de plantas medicinas brasilieras . . . Rio, 1862. 8°.

‡PECKOLT (T.). Analyses de materia medica brasiliera . . . Rio, 1869. 12°.

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‡——— Cat. des plantes toxiques du Brésil. Paris, 1880. 8°.
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‡RODRIGUES (J. B.). Enum. Palmarum novarum quas valle fluminis Amazonium . . . Sebastianopolis, 1875. 8°.

‡——— Enum. Palmarum novarum . . . Rio de Janeiro, 1879. 8°.

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‡ALLEMÃO (F. F.). Considerações sobre las plantas . . . de Ceará. Rio, 1862. 4°.

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*GAY (C.). Historia fisica . . . de Chile. Botanica (Flora chilene). Paris, 1845–53. 8 vols. 8°. Atlas, fol.

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‡PHILIPPI (R. A.). Elementos de botánica . . . en Chile. Santiago de Chile, 1869. 8°.

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‡PHILIPPI (R. A.). Sertum mendocinum alterum. [Santiago,] 1871. 8°.

‡——— Descripcion de las nuevas plantas . . . Santiago, 1872. 8°.

‡REMY (E. J.). Compuestas de Chile. Paris, 1849. 8°.
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LINDLEY (J.). Orchideae lindenianae . . . Lond. 1846. 8°.

*KARSTEN (H.). Florae Columbiae . . . selecta . . . Berol. 1858–69. 2 vols. fol.

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‡HAMPE (E.). Ein Referat ueber die columbischen Moose . . . Halle, 1847. 8°.

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JAMESON (W.). Synopsis plantarum quitensium . . . Quito, 1865. 8°.

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*RUDGE (E.). Plantarum Guianae rariorum . . . Lond. 1805. fol.

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‡NEES VON ESENBECK (C. G.). Cyperaceae et Graminaceae . . . in Guiana . . . lectae. Bonnae, 1843. 4°. & 8°.

‡DALTON (H. G.). History and Physical Description of British Guiana. Lond. 1855. 2 vols. 8°.

The Vegetable Kingdom, vol. ii. pp. 169-264, principally from Schomburgk's Reisen in Britisch-Guiana . . . Leipzig, 1847, etc. 8°.

‡SCHOMBURGK (R.). Botanical Reminiscences of British Guiana. Adelaide, 1876. 8°.

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MERIAN (M. T.). Dissertatio . . . surinamensium . . . Amst. 1719. fol.

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ROTTBOELL (C. F.). Descriptiones rariorum plantarum . . . Havniae, 1776. 4°. Ed. 2. (with amended title), 1798. fol.

MIQUEL (F. A. G.). Stirpes surinamenses selectae. Lugd. Bat. 1850. 4°.

DOZY (F.), & J. H. MOLKENBOER. Prod. fl. bryologicae surinamensis. Harlemi, 1854. 4°.

‡SPECK OBREEN (H. A. van der). Beschrijving van de timmerhoutsoorten die in Europeesch Guiana wassen. Rotterdam, 1864. 8°.

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*AUBLET (J. B. C. F.). Histoire des plantes de la Guiane française. Londres, 1775. 4 vols. 4°.

‡NOYER (—.). Forêts vierges de la Guiane française. Paris, 1827. 8°.

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‡SAGOT (P.). Exploitation des forêts à la Guiane française. [Paris, 1869.] 8°.

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‡Cat. Contributions . . . British Guiana . . . Paris Univ. Exhibition 1855. Georgetown, 1855. 8°.

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SHEER (J.). Starch-producing plants . . . of British Guiana. Demerara, 1847. 8°.

‡CRUGER (H.). Trinidad Industrial Exhibition. Jury Reports for 1853. Trinidad, 1853. 8°.

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La Plata.

‡LORENTZ (P. G.). Vegetations-Verhaeltniss der Argentinischen Republik. Buenos Aires, 1876. 8°.

‡SCHNYDNER (O.). Contributions à la . . . flore argentine. Genève, 1877. 8°.

Entre Rios.

‡GRISEBACH (A.). Plantae lorentzianae. Goettingen, 1874. 8°.

‡LORENTZ (P. G.). La vegetation del Nordeste de la prov. de Entre Rios . . . Buenos Aires. Buenos Aires, 1878. 8°.

‡BERG (C.). Enum. de las plantas Europas, silvestres en la provincia de Buenos Aires. Buenos Aires, 1877. 8°.

FENDLER (A.), & A. GRAY. Plantae fendlerianae. Boston, 1849. 4°.

New Granada.

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*TRIANA (J.), & J. E. PLANCHON. Prodromus florae novogranatensis. Paris, 1862–7. 2 vols. 8°.

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Paraguay.

‡PARODI (D.). Contribuciones a la flora del Paraguay. Buenos Aires, 1877–9. 8°.

‡——— Notas . . . pl. usuales del Paraguay. Buenos Aires, 1877. 8°.

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*Ruiz Lopez (H.), & J. Pavon. Flora peruviana et chilensis . . . [Matriti], 1798–1802. 4 vols. fol.

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‡Petiver (J.). Hortus peruvianus medicinalis. Lond. 1715. fol.

‡Spruce (R.). Report on Cinchona Expedition. Lond. 1861. 8°.

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*[Vellozo (J. M.).] Florae fluminensis icones . . . Paris. 1827. 11 vols. fol.

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Uruguay.

‡Christison (D.). Notes on the Botany of Uruguay. Edinb. 1878. 8°.

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‡Gibert (E.) Enumeratio plantarum sp. nascentium agro Montevidensi. Montev. 1873. 8°.

Venezuela.

‡Ernst (A.). La fécula y las plantas farinaceas del nuevo mundo. Carácas, 1873. 16°.

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‡——— Flora y fauna de Venezuela. Carácas, 1877. 4°.

‡Spence (J. M.). The Land of Bolivar. Lond. 1878. 2 vols. 8°.

Contains, pp. 192-220, Orchideae venezuelanae, by A. Ernst.

Falkland Isles.

‡Dumont d'Urville (J.). Flore des îles Malouines. Paris, 1825. 8°.

ASIA.

§ 95. ASIA (in general).

Gronovius (J. F.). Flora orientalis. Lugd. Bat. 1755. 8°.

*Wallich (N.). Plantae asiaticae rariores . . . Lond. 1830–2. 3 vols. fol.

‡Lorent (J. A.). Wanderungen im Morgenlande . . . Mannheim, 1845. 8°.

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GRIFFITH (W.). Icones plantarum asiaticarum. Calcutta, 1847-51. 4°.

——— Notulae ad plantas asiaticas. Calcutta, 1851. 8°.

CLEMENTI (G.). Sertulum orientale . . . Taurini, 1855. 4°.

*JAUBERT [H. F.], & E. SPACH. Illustrationes plantarum orientalium. Paris, 1842–57. 5 vols. 4°.

*BOISSIER (E.). Diagnoses plant. orientalium novarum. Paris, 1842–59. 3 vols. 8°.

‡FENZL (E.). Diagnoses pl. orientalium . . . Paris, 1860. 8°.

‡——— & P. DE TCHIHATCHEFF. Diagnoses pl. orientalium et obs. botanicae. Paris, 1868. 8°.

*BOISSIER (E.). Flora orientalis. Basil. 1867. 8°.→

‡——— Plantarum orientalium novarum. Genevae, 1875. (2 dec.) 8°.

CHOISY (J. D.). Convolvulaceae orientales. Genovae, 1834–41. 4°.

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‡LINDBERG (S. O.). Contrib. ad floram cryptog. Asiae boreali-orient. Helsingfors, 1872. 4°.

‡REISSECK (S.). Die Vegetation von Suedasien. Wien, 1864. 12°.

‡KOTSCHY (T.). Ueber Reisen und Sammlungen . . . in der Asiatischen Tuerkei, in Persien, und den Nillaendern. Wien, 1864. 8°.

MAXIMOWICZ (C. J.). Revisio Hydrangearum Asiae orientalis. Petersburg, 1867. 4°.

——— Rhododendreae Asiae orientalis. St. Petersburg, 1870. 4°.

HANCE (H. F.). Adversaria . . . Asiae orientalis . . . Paris, 1866. 8°.

‡MARTENS (G. von). Die preussische Expedition nach Ostasien. Botanischer Theil. Die Tange. Berlin, 1866. 8°.

Affghanistan.

ENDLICHER (S. L.), & E. FENZL. Sertum cabulicum. Vindob. 1836. 4°.

Altai (Mountains).

‡TCHIHATCHEFF (P. de). Voyage scientifique dans l'Altaï oriental . . . Paris, 1845. 2 vols. 4°. Atlas, fol.

The botanical portions are pp. 379-390, and 412-418; plates 25-35 are devoted to fossil plants.

Amboyna.

*RUMPHIUS (G. E.), *i.e.* RUMPH. Herbarium amboinense . . . Amst. 1750 [1741–55]. 6 vols. fol.

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Arabia.

FORSKÅL (P.). Icones rerum naturalium. Havniae, 1776. 4°.

DELILE (A. R.). Fragmens d'une flore de l'Arabie pétrée . . . (Laborde). Paris, 1833. 4°.

DECAISNE (J.). Plantes de la Arabie heureuse . . . (Botta.) Paris, 1841. 4°.

Armenia.

‡KOCH (K.). Reise im pontischen Gebiete und tuerk. Armenien. Weimar, 1846. 8°.

Asia Minor.

*TCHIHATCHEFF (P. de). Asie mineure. (Pt. iii. Botanique.) Paris, 1866. 2 vols. 8°. Atlas, 4°.

§ 96. BURMA.

MASON (F.). Flora burmanica . . . Tavoy, 1851. 8°.

*KURZ (S.). Forest Flora of British Burma. Calc. 1877. 2 vols. 8°.

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" " xliv. (ii.) 128-190 (1875).
" " xlv. (i.) 48-258 (1876).
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†MASON (F.). Natural productions of Burmah . . . Maulmain, 1850. 8°. Ed. 2. Rangoon, 1860.

‡BRANDIS (D.). List . . . of some of the Woods of British Burmah . . . Rangoon, 1862. 4°.

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‡LEEDS (H.). Progress Report . . . Forest Adm. in British Burmah. [Calcutta], 1864. 8°.

‡——— Progress Report . . . British Burmah, 1863–4. Calcutta, 1865. fol.

‡——— Id. 1864–5. Calcutta, 1865. fol.

‡——— Id. 1865–6. Calcutta, 1867. fol.

‡——— Id. 1866–7. Calcutta, 1868. fol.

‡SEATON (W. J.). Progress Report, Forest Adm. British Burmah, 1867–8. Calcutta, 1870. fol.

‡——— Id. 1868–9 & 1869–70. Calcutta, 1870. fol.

‡[RIBBENTROP (B.).] Report, Forest Adm. British Burma, 1875-6. Rangoon, 1876. fol.

‡RIBBENTROP (B.). Rep. Forest Adm. 1876-7. Rangoon, 1877. fol.
‡[SEATON (W. J.), & B. RIBBENTROP.] Id. 1877-8. Rangoon, 1878. fol.

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‡SCHLICH (W.). Report . . . Pyinkadoh Forests of Arakan. Rangoon, 1873. 4°.

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‡MANN (G.). Progress Reports, Forest adm. Province of Assam. 1874-5. Shillong, 1875. fol.
‡——— Id. 1875-6. Shillong, 1876. fol.
‡——— Id. 1876-7. Shillong, 1877. fol.
‡——— Id. 1877-8. Shillong, 1878. fol.
‡[BRANDIS (D.).] Report on the Teak forests of Pegu, 1856. Lond. 1860. fol.
‡——— Reports . . . Teak Forests in Pegu, 1860-1. [Calcutta], 1862. 8°.
‡——— Progress Rep. of Forest Admin. in British Burmah. [Calcutta], 1863. 8°.
*‡KURZ (S.). Preliminary Report on the Forest and other Vegetation of Pegu. Calcutta, 1875. fol.

§ 97. CHINA AND JAPAN.

‡BRETSCHNEIDER (E.). Study and value of Chinese Botanical Works. Foochow, [1870]. 8°.

BOYM (M.). Flora sinensis. Viennae, 1656. fol.
‡Plants and seeds wanted from China and Japan . . . Lond. 1789. 8°.
‡*Keae tsze zuen hwa chuen. San tseih.* [The Drawing Book of the Keae tsze Garden, *i.e.* the name of a printing establishment at Nankin. Third series.] Nankin, 1817. 8°.
‡[KER (H. B.).] Icones plantarum sponte China . . . Lond. 1821. fol.
‡FORTUNE (R.). Wanderings in China. Lond. 1847. 8°.
‡——— Tea Countries of China. Lond. 1852. 8°.

Slightly abridged by omitting scientific portions, under title of Visits to the Tea Countries. Lond. 1853. 8°.

‡——— Residence among the Chinese. Lond. 1857. 8°.
‡——— Yedo and Peking. Lond. 1863. 8°.

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App. A. Figures of Diospyros Ebenum, Retz., D. exculptum, Ham., and Shorea robusta, Roxb.

‡——— Id. 1866-7. Madras, 1867. fol.

App. A. Diospyros assimilis, Bedd., and Soymida febrifuga, Juss.

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‡——— Id. 1869-70. Madras, 1870. 4°.
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‡Ruprecht (F. J.). Revision der Umbelliferen aus Kamtschatka. St. Petersb. 1859. 8°.

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*GMELIN (J. G.). Flora sibirica . . . Petrop. 1747–69. 4 vols. 4°.

‡TRAUTVETTER (E. R. von). Phaenogame Pflanzen . . . von Sibirien. Flora taimyrensis, etc. Petersb. 1847. 4°.

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‡MEINSHAUSEN (K.). Pflanzengeographie des Wilni Gebiets in Ostsibirien. Petersb. 1871. 8°.

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‡Regel (E.). Desc. pl. nov. . . . turkestanicis . . . Fedschenko . . . [Petrop.] 1873–8. 8°.

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‡BLUME (C. L.). Over eenige Oost-Indische planten . . . Leyden, 1843. 8°.

‡REINWARDT (C. G. C.). Reis naar het oosten van den indischen Archipel in het jaar 1821. Amst. 1858. 8°.

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‡MAISONNEUVE (P). Étude . . . du Camphier de Borneo. Paris, 1875. 8°.

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*Thwaites (G. H. K.). Enumeratio pl. Zeylaniae . . . Lond. 1864. 8°.

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*†Nooten (B. H. van). Fleurs, fruits et feuillages choisies de l'île de Java. Bruxelles, 1863. fol. Ed. 3. [1880].

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‡Blume (K. L.). Javaanische Orchideen. Batavia, 1825. fol.

‡Hasskarl (J. C.). Papilionaceae . . . javanicarum descr. [Batavia], 1844. 8°.

‡——— Filices javanicae . . . Bataviae, 1856. 4°.

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*La Billardière (J. J. H. de). Sertum austro-caledonicum. Paris, 1824–5. 4°.

‡Sweet (R.). Flora australasica . . . Lond. 1827–8. 8°.
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‡Field (B.). Geographical Memoirs on New South Wales. Lond. 1825. 8°.

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*‡Bailey (F.), & K. T. Staiger. Grasses of Queensland. Brisbane, 1878. 4°→.

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‡—— Handbook of the Ferns of Queensland . . . Brisbane, 1874. 12°.

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‡——— Introduction to botanic teachings . . . Victoria. Melb. 1877. 8°.

‡——— Native Plants of Victoria succinctly defined. Melb. 1879. 8°.→
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‡——— Select Plants . . . culture . . . in Victoria. Melb. 1876. 8°.

‡——— 3rd Suppl. to the Select Plants. [Melb. 1878?] 8°.

‡——— Natural Capabilities . . . of Victoria . . . in reference to . . . Vegetation. Melb. 1875. 8°.

‡——— Select textile Plants deserving extensive culture in . . . Victoria. Ballarat, [1876]. 12°.

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‡Bureau (E.). Morées et Artocarpées de la Nouvelle Calédonie. Paris, 1872. 8°.

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‡Bescherelle (E.). Florule bryologique de la Nouvelle-Calédonie. Paris, 1874. 8°.

‡Nylander (W.). Synopsis lichenum Novae Caledoniae. Cadomi, 1868. 8°.

‡Vieillard (E.). Plantes utiles de la Nouvelle-Calédonie. Paris, 1862. 8°.

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‡SULLIVANT (W. S.). Notices of some new species of Mosses from the Pacific Islands (Wilkes's exped.). Cambr. 1854. 8°.

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‡[SEEMANN (B.).] Synopsis plantarum vitiensium. Lond. [1861?]. 8°.

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‡KIDDER (J. H.). Contrib. . . . Nat. Hist. of Kerguelen Island. Washington, 1876. 8°.

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‡[JARDIN (E.).] Essai d'une flore de l'archipel de Marquises. [Cherb. 1857.] 8°.

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——— Tahiti. Rochefort, 1860. 8°.
Productions végétales, pp. 83-275.

× ‡NADEAUD (J.). Enum. des plantes indigènes de l'île de Tahiti . . . Paris, 1873. 8°.

‡CUZENT (G.). Du Tacca pinnatifida, Pia de Taïte. . . . Paris, 1861. 8°.

×BOTANICAL GARDENS.

See also PRITZEL, Thes. Ed. 2. pp. 446–456.

§ 104. EUROPE.

TASSI (A). Del modo di compilare i cataloghi . . . nei giardini botanici. Lucca, 1856. 8°.

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‡Memorie sobre a utilidade dos jardins botanicos . . . Lisboa, 1770. 8°.

‡TREVIRANUS (L. C.). Bemerkungen ueber die Fuehrung von Botanischen Gaerten . . . Bonn, 1848. 8°.

JUEHLKE (F.). Die botanischen Gaerten mit Ruecksicht auf ihre Benutzung und Verwaltung. Hamb. 1849. 8°.

‡KERNER (A.). Die bot. Garten, ihre aufgabe in der Vergangenheit Gegenwart und Zukunft. Innsbruck, 1874. 8°.

ELLIS (J.). Directions for bringing over Seeds . . . Lond. 1773. 4°.
Translated into German, two versions.

‡FRANCIS (G. W.). Acclimatisation of . . . Plants . . . Adelaide, 1862. 8°.

‡GOMER (— de). Étude sur les végétaux et sur leur naturalisation. Amiens, 1867. 8°.

‡HABERLANDT (F.). Beitrage zur . . . Acclimatisation der Pflanzen. Wien, 1864. 8°.

‡CHIMINELLI (L.). Delle piante dei fiori nei loro rapporti col clima . . . Bassano, 1872. 8°.

‡DELONDRE (A.). Notes de botanique et d'acclimation végétale. Paris, 1872. 8°.

‡CRAWFORD (J.). Migration of cultivated Plants . . . Lond. 1861. 8°.
Privately printed.

*†HEHN (V.). Kulturpflanzen . . . in ihrem Uebergang aus Asien nach Griechenland und Italien . . . Berlin, 1870. 8°. Ed. 3. 1877.

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‡MYLIUS (M. M.). Hortus philosophicus. Gorlicii, 1597. 8°.

MORDANT DE LAUNAY (J. C. M.). Herbier général de l'amateur . . . Paris, 1816-27. 4°.
Continued by Loiseleur-Deslongchamps & Lemaire. Ed. 2. 1832. 4°. 2nd. Series, Paris, 1839-43. 4°.

LEMAIRE (C.). L'horticulteur universel . . . Paris, 1839-44. 6 vols. 8°.
Descriptions by Brongniart, Richard, Decaisne, Spach, etc.

SERINGE (N. C.). Flore des jardins . . . Lyon, 1847-9. 3 vols. 8°.

LEMAIRE (C.). Flore des serres et jardins de l'Europe . . . Gand, 1845-52. 7 vols. 8°.

‡Ornamental Flower Garden and Shrubbery. Lond. 1852-4. 4 vols. 4°.

‡DEI (A.). Catalogo ragionato delle piante che sono coltivate negli orti . . . Siena, 1868. 8°.

*‡VILMORIN (P. L. F. L.). Les fleurs de pleine terre . . . Paris, 1865. 8°. Ed. 3. 1870.
The woodcuts are small, but admirably expressive of the habit of each species.

‡OTTERLOO (A. van). II. De verbreiding van de voornaamste cultuur boom en heestergewassen in Europa . . . Amst. 1872. fol.

‡JAEGER (H.). Die schoensten Pflanzen . . . Hannover, 1873-4. 8°.

‡Die beliebtesten Blumen und Zierpflanzen . . . Leipzig, 1876. 16°.

WENDLAND (H.). Index palmarum . . . quae in hortis europaeis coluntur . . . Hannoverae, 1854. 8°.

‡KUNZE (G.). Index filicum . . . in hortis europaeis cultarum . . . Halis, 1850. 8°.

BAUMANN (A.). G. K. Index filicum . . . synonymis interpositis auct. cura A. Baumanni. Argent. 1853. 8°.

HOGG (R.). The Gardeners' Year Book . . . Lond. 1860. 8°.
Contains lists of plants figured each year; a similar list is published annually in the Gardeners' Chronicle.

PAULLI (S.). Viridaria varia . . . Hafniae, 1653. 12°.
Contains, amongst other things, a reprint of the Oxford Catalogue by Bobart, see page 415.

§ 105. GREAT BRITAIN AND IRELAND.

PHILLIPS (H.). Flora historica. Lond. 1824. 2 vols. 8°. Ed. 2. "Revised," 1829.

†ROSCOE (E.). Floral Illustrations . . . No. 1. Spring. Lond. 1829[-31]. 4°.

Six Nos. were apparently issued; I have not seen the work.

SOWERBY (J. E.). Flora luxurians . . . Lond. [1789-91]. fol.

Three numbers only.

‡[MURRAY (C.).] British Garden. Bath, 1799. 2 vols. 8°.

‡MORIARTY (H. M.). Viridarium: coloured plates of Greenhouse Plants. Lond. 1803. 8°.

‡Hortus anglicus. Lond. 1822. 2 vols. 8°.

PHILLIPS (H.). Sylva florifera . . . Lond. 1823. 2 vols. 8°.

MORRIS (R.). Botanist's Manual . . . Lond. 1824. 8°.

*SWEET (R.). British Flower Garden. Lond. 1823-29. 3 vols. 8°. Second Series, Lond. 1831-8. 4 vols. 8°.

MORRIS (R.). Flora conspicua . . . Lond. 1830. 8°.

‡LINDLEY (J.). Notices of certain ornamental Plants lately introduced into England. [Lond. 1832?] 4°.

SWEET (R.). Hortus britannicus . . . Lond. 1827. 8°. Ed. 3. by G. Don, 1839.

*LOUDON (J. C.). Hortus britannicus . . . Lond. 1830. 8°. Ed. 3. 1839.

MAUND (B.). The Botanist . . . Lond. 1839. 8 vols. 4°.

——— Botanic Garden . . . Lond. 1825-42. 9 vols. 4°.

*LOUDON (J. C.). Arboretum et fruticetum britannicum . . . Lond. 1838. 8 vols. 8°.

A fine work; the bibliography, vol. i. pp. cxc.-ccxxvi., is very full.

——— Encyclopaedia of trees and shrubs. Lond. 1842. 8°.

The Arboretum, abridged.

‡MOTT (F. T.). Flora odorata; a characteristic arrangement of the sweet-scented Flowers and Shrubs cultivated . . . Lond. 1843. 8°.

‡MAUND (B.). Floral Register . . . Lond. [1849?]. 2 vols. 4°.

HENDERSON (E. G. & A.). Illustrated Bouquet. Lond. 1857-64. 3 vols. fol.

LOWE (E. J.). Beautiful leaved Plants. Lond. 1864. 8°.

Translated into French, Paris, 1865.

*LINDLEY (J.), & J. PAXTON. Flower Garden . . . Lond. 1851-3. 3 vols. 4°. Ed. [2. 1880].→

Re-issue, by A. Murray, Nos. 1-7 [1873-4], discontinued after page 112. Ed. [2.] by T. Baines, is entirely re-cast, with coarse coloured figures, and must not be confounded with the earlier issues.

‡TYAS (R.). Flowers from foreign Lands. Lond. 1853. 8°.

‡THOMPSON (W.). English Flower Garden. Lond. 1855. 4°.

Three numbers only published.

‡ROBINSON (W.). Alpine Flowers . . . Lond. 1870. 8°. Ed. [2.] 1875.

‡——— The Wild Garden . . . Lond. 1870. 8°.

Contains, pp. 155-236, The Garden of British Wild Flowers.

‡——— The Sub-tropical Garden . . . Lond. 1871. 8°.

‡——— Cat. Hardy Perennials . . . incl. British flowering Plants and Ferns. Lond. 1871. 8°.

‡SUTHERLAND (W.). Hardy herbaceous and alpine Flowers. Lond. 1871. 8°.

*‡HEMSLEY (W. B.). Handbook of Hardy Trees . . . and herbaceous Plants. Lond. 1873. 8°.

Based on, Decaisne and Naudin, Manuel de l'amateur des jardins. Paris, 1862-6. 2 vols. 8°.

‡ROBINSON (W.). Hardy Flowers . . . Lond. 1871. 16°. Ed. 3. 1878.

*‡SEBOTH (J.). Alpine Plants painted from Nature. Lond. 1879-80. 2 vols. 16°.

Ed. by A. W. Bennett. For original German Ed. see page 229.

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‡MONGREDIEN (A.). The Heatherside Manual of Hardy Trees and Shrubs . . . Lond. 1874. 8°.

‡Synopsis of Coniferous plants grown in Great Britain. Lond. 1850. 8°.

†LAWSON (P.). List of Plants of the Fir tribe. Edinb. 1851. 4°.

*———Pinetum britannicum . . . Edinb. 1866. fol.→

Edited by A. Murray; printed for private distribution, with 100 copies for sale. See Pritzel, Thes. Ed. 2. No. 5103.

†GORDON (G.), & R. GLENDINNING. The Pinetum. Lond. 1858. 8°. Supp. 1862. Ed. 2. Index by H. G. Bohn, 1875. Ed. [3.] 1880.

‡SMITH [J.], & [T.] MOORE. An account of Exotic cultivated Ferns [Grammitis to Platyloma.] Lond. 1858. 8°.

Unpublished, ends at p. 56.

HOOKER (W. J.). Garden Ferns. Lond. 1862. 8°.

‡BELLAIRS (N.). Hardy Ferns. Lond. 1865. 8°.
*‡SMITH (J.). Ferns, British and Foreign . . . Lond. 1866. 8°. Ed. [2.] 1879.

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‡MARTINS (C.). Les jardins botanique de l'Angleterre. Paris, 1868. 8°.

Arnold.

‡[STATHAM (S.).] Hortus arnoldiensis; or a Catalogue of Plants in the garden of Samuel Statham . . . Arnold, Nottinghamshire. Lond. 1806. 8°.

Bath.

‡HANHAM (F.). A Manual for the Park . . . Lond. 1857. 8°.
Descriptive of the Trees and Shrubs in the Royal Victoria Park.

Birmingham.

BRUNTON (J.). Catalogue . . . botanically arranged . . . Birmingham, 1777. 8°.
A trade list.

Brompton.

†CURTIS (W.). Subscription Cat. of the Brompton Botanic Garden. [Lond. 1790-1801.] 8°.
‡[SALISBURY (W.).] Cat. of the Brompton Bot. Garden. (Pt. i.) Lond. 1803. 8°.
The author is given on the authority of Dryander, in the interleaved copy of his Catalogus in the Botanical Department, British Museum.

Bury St. Edmunds.

‡DENSON (J.). Cat. pl. Botanic Garden, Bury St. Edmonds. Bury, 1822. 8°.

Cambridge.

MARTYN (T.). Catalogus horti bot. cantab. Cantab. 1771. 8°.
——— Mantissa. Cantab. 1772. 8°.
†[———] Horti bot. cantab. catalogus. Cantab. 1794. 8°.
DONN (J.). Hortus cantabrigiensis. Cantab. 1796. 8°.
Ed. 13. with additions by the successive Editors—Pursh, Lindley, Sinclair, and P. N. Don. Lond. 1845. 8°. Even in the last edition the Linnean arrangement was retained.
‡MURRAY (A.). Cat. Hardy Plants . . . Botanic Garden, Cambridge. Cambr. 1850. 8°.

Chapel Allerton.

*SALISBURY (R. A.). Prodromus stirpium in horto Chapel Allerton ... Lond. 1796. 8°.

Descriptive, with new names to various plants, when the prevailing name offended the acute and fastidious author.

Chelsea.

MILLER (P.). Catalogus plantarum . . . horto bot. chelseyano ... Lond. 1730. 8°.

‡RAND (I.). Index pl. officinalium . . . in horto chelseiano . . . Lond. 1730. 8°.

‡——— Horti medici chelseiani index . . . Lond. 1739. 8°.

WHEELER (J. L.). Catalogus . . . apud vicum Chelsea . . . Lond. 1830. 8°.

‡HAYNES (J.). Bot. Garden at Chelsea. Lond. 1751. fol.

This appears to be only a plan of the garden; I have not been able to meet with it.

FIELD (H.). Memoirs . . . of the Botanick Garden at Chelsea. Lond. 1820. 8°.

*‡——— Id. Ed. 2. by R. H. Semple. Lond. 1878. 8°.

Carefully brought down to recent date.

KNIGHT (J.). Coniferous plants . . . at . . . King's Road, Chelsea. Lond. 1850. 8°.

Chiswick.

‡LINDLEY (J.). Report . . . new or rare Plants . . . Horticultural Society, Chiswick. Lond. 1825-8. 4°.

Cirencester.

‡BUCKMAN (J.). Report . . . Botanic Garden . . . Royal Agric. College, Cirencester. Lond. 1858. 8°.

Clapton.

‡MACKAY (J.). Cat. pl. . . . Upper Clapton. Ed. 1. Chelsea, 1828. 12°.

Dalbeth.

‡[HOPKIRK (T.).] Catalogue of the Plants . . . cult. in the gardens Dalbeth, 1813. Glasgow, [1813?]. 12°.

Prefixed to this is a bastard title, Cat. of the pl. transferred to the Glasgow Botanic Garden, from Dalbeth in 1817, etc.

Derby.

LOUDON (J. C.). Derby Arboretum . . . Lond. 1840. 8°.

Edinburgh.

SUTHERLAND (J.). Hortus medicus edinburgensis . . . Edinb. 1683. 8°. [Ed. 2 ?] 1692.

‡PRESTON (G.). Cat. omnium pl., quas in seminario medicinae dicato. Ed. 2. Edinb. 1716. 12°.

ALSTON (C.). Index plantarum . . . in horto . . . edinburgensi . . . Edinb. 1740. 8°.

‡Cat. arborum et fruticum in horto edinensi crescentium anno 1778. Edinb. 1778. 8°.

‡Cat. pl. officinalium quae in horto edinensi seorsim servantur. [Edinb. 1778 ?] 8°.

‡[BALFOUR (J. H.) ?] List of medicinal and poisonous Plants. Edinb. 1859. 8°.

‡—— Guide to the Royal Botanic Garden, Edinburgh. Edinb. [1873]. 8°.

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‡[LISTON (R.) ?] List of plants cultivated . . . at Milburn Tower, near Edinburgh, the seat of Sir R. Liston. Edinb. 1817. 8°.

Eltham.

*DILLENIUS (J. J.). Hortus elthamensis . . . Lond. 1732. 2 vols. fol. Plates only, Lugd. Bat. 1774.

The vigorous and truthful figures etched by the author.

Glasnevin.

‡[WADE (W.).] Cat. of Plants in the . . . Dublin Society's Botanic Garden at Glasnevin. Dublin, 1802. 8°.

Also issued with vol. ii. pt. 2, Trans. Dubl. Soc.

UNDERWOOD (J.). Cat. of Plants . . . at Glasnevin . . . Dubl. 1802. 8°.

NIVEN (N.). Companion to the Botanic Garden, Glasnevin. Dublin, 1838. 8°.

‡MOORE (D.). Handbook for the Botanic Gardens . . . Glasnevin. Ed. 4. Dublin, 1865. 8°.

Glasgow.

[HOOKER (W. J.).] Royal Botanic Garden of Glasgow. Glasgow, 1825. 8°.

‡[MURRAY (S.).] Companion to the Glasgow Botanic Garden. . . . Lond. (& Glasgow), 1849. 8°.

‡KEDDIE (W.). Popular Guide to the Royal Botanic Garden of Glasgow. Glasgow, 1861. 8°.

Hackbridge.

‡Smee (A.). My Garden. Lond. 1872. 8°.
Ed. 2. same year.

Hackney.

†Loddiges (C.). Catalogue of Plants and Seeds. Lond. 1777. 8°. Ed. 16. 1836.
Also a German ed., Lond. 1777. 8°. Contains references to the Botanical Cabinet.

——— Orchideae in Collection of L. and Sons. Lond. [1842]. 12°.

——— Palms, etc., in the collection of C. L. and Sons. Lond. 1845. 12°.

Ipswich.

Cotte (W. B.). Hortus botanicus gippovicensis. Ipswich, 1796. 4°.

Kew.

Hill (J.). Hortus kewensis . . . Lond. 1768. 8°. Ed. 2. 1769.

‡Description of the Garden . . . of Kew . . . Brentford, [178–]. 8°.

*Aiton (W.). Hortus kewensis. London, 1789. 8°. Ed. 2. by W. T. Aiton. 1810–13.
Much of the descriptive matter was contributed by J. Dryander as far as Dodecandria, and thenceforward by R. Brown, many of whose genera were published in it.

Aiton (W. T.). An Epitome of the . . . Hortus kewensis . . . Lond. 1814. 8°.

*†Bauer (Fr.). Delineations of exotic Plants . . . at Kew. Lond. [1793–1801]. fol. (Dated on title, 1796.)

Scheer (F.). Kew and its Gardens. Lond. 1840. 8°.

‡Smith (J.). Ferns in Kew Gardens in 1845. [Lond. 1846.] 8°.

Hooker (W. J.). Hardy herbaceous Plants at Kew. Lond. 1853. 8°.

‡Niven (J. C.). Cat. hardy herbaceous Plants . . . Kew. Lond. 1853. 8°.

‡Choisy (J.). Une promenade au jardin royal de Kew. [Paris? 1855?] 8°.

‡Smith (J.). Cat. . . . Ferns in the Royal Gardens of Kew. [Lond. 1855?] 8°.

‡[———]. Cat. of certain succulent Plants . . . Kew. [Lond. 1855?] 8°.

‡[Gosse (P. H.).] Wanderings through the Kew Conservatories. Lond. 1856. 12°.

‡Wonders in Flowers and Plants in Kew Gardens. Lond. [1859]. 4°.

‡Baker (J. G.). Catalogue of Ferns and their allies cult. . . . Kew. Lond. 1868. 8°.

Hooker (W. J.). Guide to the Gardens, Kew . . . Lond. 1847. 16°. Ed. 16. 1858. 8°.

Subsequent editions see next.

†Oliver (D.). Guide to Kew Gardens. Ed. 17. Lond. 1861. 8°. Ed. 28. 1878.

†—— Museums of Economic Botany, Kew. [Lond.] 1861. 8°. Ed. 6. Kew, 1875.

With additions and corrections, by J. R. Jackson.

‡[Hooker (J. D.).] Cat. of the Plants distributed at the Royal Gardens, Kew . . . from the Herbaria of Griffith, Falconer, and Helfer. Lond. 1865. 8°.

Privately printed as a distribution list.

[Hooker (W. J.).] Report on the Progress and Condition of the Royal Gardens of Kew, from 1853 to 1859. Lond. 1859. fol.

First report more at large than the previous brief accounts with the Estimates. Annually by the Director since then, in 8°.

Ladiston.

‡[Lyons (J. C.).] Cat. of the Orchidaceous Plants at Ladiston. [Dubl.] 1846. 12°.

‡—— Remarks on the management of Orchidaceous Plants, with a Cat. of those in the Collection of J. C. Lyons, Ladiston. [Dubl.?] 1843. 12°.

Liverpool.

‡[Roscoe (W.).] Cat. of Plants in the Botanic Garden at Liverpool. Liverpool, 1808. 8°.

London.

‡Catalogus plantarum . . . quae in hortis non procul a Londino . . . propagantur. Lond. 1730. fol.

By a Society of Gardeners, of whom P. Miller was one.

*L'Heritier (C. L.). Sertum anglicum . . . Paris, 1788. fol.

Of plants in cultivation about London and at Kew.

*Salisbury (R. A.). Paradisus londinensis . . . Lond. 1806–7. 2 vols. 4°.

The letterpress to plates 118-122 appeared, but not those plates themselves.

Sweet (R.). Hortus suburbanus londinensis . . . Lond. 1818. 8°.

Loudon (J. C.). Hortus lignosus londinensis . . . Lond. 1838. 8°.

CURTIS (W.). Cat. . . . London Botanical Garden. Lond. 1783. 8°.

This is a catalogue of the garden in Lambeth Marsh; he afterwards removed to Brompton, see page 409.

*GERARD (J.). Catalogus . . . in horto Gerardi . . . Lond. 1596. 4°. Ed. 2. 1599. fol.

A reprint of both these Editions of the earliest published Garden Catalogue was issued by me (B.D.J.) in 1876.

WALLICH (N.). Dried Plants in the East India Company's Museum. Lond. 1828. fol.

The best set of plants now belongs to the Linnean Society, presented by the Hon. East India Company.

‡SMITH (W.). List of British Diatomaceae in the British Museum. Lond. 1859. 8°.

‡COOKE (M. C.). Report on the Gums, Resins . . . in the India Museum. Lond. 1875. 8°.

‡VISIANI (R. de). Osser. sull' erbario di Linneo. Firenze, 1870. 8°.

‡HOLMES (E. M.). Cat. . . . Collections in the Museum of the Pharmaceutical Society of Great Britain. Lond. 1878. 8°.

Materia medica, pp. 1–164.

‡[QUEKETT (J.).] Cat. Fossil organic remains of Plants . . . Mus. Royal College of Surgeons. Lond. 1855. 4°.

PETIVER (J.). Musei petiveriani centuria i[–x] . . . Lond. 1695 [–1703]. 8°.

——— Gazophylacii naturae . . . decades x . . . Lond. 1702–9. 2 vols. fol.

——— Petiveriana, seu naturae collectanea iii. Lond. 1716–7. fol.

TRADESCANT (J.) [the younger]. Musaeum tradescantianum . . . Lond. 1656. 8°.

‡GREW (W.). Musaeum regalis societatis . . . Lond. 1681. fol.

A collection of curiosities long since dispersed.

[DELANY (M.).] Catalogue of plants copyed from nature in paper mosaick . . . [Lond.? 1778.] 8°.

‡Account of Dr. Thornton's Exhibition of Botanical Paintings . . . with Poetic Compositions . . . Ed. 4. Lond. 1804. 8°.

The "poetic compositions" are mostly extracts from Darwin's Botanic Garden.

Manchester.

[HAMMOND (W.).] Orchidaceous Plants in the collection of the Rev. J. Clowes. Manchester, 1842. 8°.

‡[GRINDON (L. H.).] The Fairfield Orchids . . . grown by J. Brooke and Co. . . . Manchester. Lond. 1872. 8°.

Mill Hill.

DILLWYN (L. W.). Hortus collinsonianus. Swansea, 1843. 8°.

"Not published." An account of the plants cultivated by P. Collinson, many of them then first introduced into this country.

Norfolk.

GRIGOR (J.). Eastern Arboretum . . . Lond. 1841. 8°.

An account of "remarkable Trees, Seats, Gardens, etc., in the county of Norfolk."

Orford.

NEAL (A.). Cat. . . . Garden of J. Blackburne. Warrington, 1779. 8°.

Oxford.

[BOBART (J.).] Catalogus . . . horti med. oxoniensis . . . Oxon. 1648. 8°. Ed. 2. by P. Stephens and W. Brown, 1658.

In Ed. 2. references are given to pages of botanical writers; so great an innovation, that the compilers half apologized for it.

‡DAUBENY (C. G. B.). Memorials of Oxford [Botanic Garden]. [Oxford, 1836.] 8°.

Issued as No. 39 of E. Ingram's Mem. of Oxford. Oxf. 1837. 3 vols.

[———] Oxford Botanic Garden. Oxford, 1850. 12°. Ed. 2. 1853 (also dated 1863). 8°.

Paddington.

SALISBURY (W.). Hortus paddingtonensis . . . J. Symmons, Esqre. Lond. 1797. 8°.

Southampton.

‡PAGE (W. B.). Prodromus . . . Southampton Botanic Gardens. Lond. 1818. 8°.

Upton.

LETTSOM (J. C.). Hortus uptonensis . . . [Lond. 1781.] 8°.

An account of Dr. Fothergill's garden.

Woburn Abbey.

[FORBES (J.).] Hortus woburnensis. Lond. 1833. 8°.

[———] Hortus ericaceus woburnensis. Lond. 1825. 4°.

SINCLAIR (G.). Hortus gramineus woburnensis . . . Lond. 1816. fol. Ed. 5. 1869. 8°.

The first edition was illustrated with actual specimens, the subsequent ones by figures. There are two German translations.

[FORBES (J.).] Pinetum woburnense. Lond. 1839. 8°.

[———] Salicetum woburnense. Lond. 1829. 4°.

§ 106. AUSTRIA.

Buda-Pest.

‡LINZBAUER (F. X.). A magyar királyi pesti egyetem nőveny kartének jelen állopota. Budáu, 1866. 8°.

Cracow.

†[SCHULTES (J. A.).] Cat. I. pl. horti bot. . . . cracoviensis anno. [Cracow, 1807.] 12°.

CZERWIAKOWSKI (J. R.), & J. WARSZEWICZ. Catalogus . . . in horto bot. cracoviensi . . . . Cracoviae, 1864. 8°.

Dublany.

‡TANGL (E.). Ind. sem. in horto bot. agronomico dublanyensi, 1875. [Dublany, 1876?] 8°.

Hlubosch.

POHL (J. E.). Des F. von Hochberg botanischer Garten . . . Prag, 1812. 8°.

Innsbruck.

KERNER (A. J.). Der botanische Garten zu Innsbruck. Innsbruck, 1863. 8°. Ed. 2. 1869.

Prague.

MIKAN (J. G.). Cat. plantarum . . . hort. bot. pragensis. Pragae, 1776. 8°.

KOSTELETZKY (V. F.). Index . . . horti caesarei bot. pragensis. Prag, 1844. 8°.

NOWODSVORSKY (J.). Elenchus pl. . . . horto . . . de Canal. Pragae, 1804. 8°.

TAUSCH (J. F.). Index pl. . . . J. Malabaila de Canal coluntur. Pragae, 1821. 4°.

——— Hortus canalius . . . Pragae, 1823. fol.

Only two decades of vol. i. were published.

Salzburg.

‡RANFFTL (F. A.). Cat. horti bot. . . . salisburgensi . . . [Salisburgi, 1786?] 8°. Suppl. pro anno, 1786.

Given in Pritzel, Thes. 2. p. 454 only, by error as in England.

Schoenbruenn.

*JACQUIN (N. J.). Plantarum . . . horti caesarei schoenbrunnensis . . . Viennae, 1797-1804. 4 vols. fol.

Vienna.

*†HARTINGER (A.). Paradisus vindobonensis, auswahl seltener und schoenbluehender Pflanzen der Wiener Gaerten . . . Wien, 1844–60. fol.

Ed. by S. Endlicher and B. Seemann; also with title-page in German and English, New York, same date, etc.

*JACQUIN (N. J.). Hortus botanicus Vindobonensis . . . Vindob. 1770-6. 3 vols. fol.

‡[ENDLICHER (T.).] Novarum stirpium decades x. Mus. C. P. vind. Vindob. 1839. 8°.

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‡Verzeichniss der Pflanzen . . . in dem Garten der K. K. Gartenbau-Gesellschaft in Wien. Wien, 1839-40. 8°.

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‡FENZL (E.), & J. DIEFFENBACH. Delectus seminum in horto bot. Univ. Vindob. 1850. Vindob. 1851. 4°.

‡——— Adversaria botanica. Id.

‡——— Delect. sem. . . . 1851. Vindob. 1852. 4°.

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‡Verzeichniss der Gerwaechse im Grossh. Pr. Garten zu Ludwigslust. 1855. 4°.

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MEDICUS (F. C.). Index . . . horti electorialis manheimensis. Manheim, 1771. 24°.

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MOENCH (C.). Methodus pl. horti bot. marburgensis a staminum situ . . . Marburgi Cattorum, 1794. 8°. Supp. 1802.

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†WIGAND (A.). Der botanische Garten zu Marburg. Marburg, 1867. 8°. Ed. 2. 1880.

Metz.

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Muenden.

‡ZABEL (H.). Systematisches Verzeichniss der in der . . . Gaerten . . . Muenden . . . Muenden, 1878. 8°.

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‡Cat. pl. quae Monachii in horto regiae acad. sci. anno 1814 colebantur. Monachii, [1814?]. 8°. (Bibl. Banks.)

*SCHRANK (F. P.). Plantae rariores horti acad. Monachii. Monachii, 1819. 2 vols. fol.

*MARTIUS (C. F. P. von). Hort. bot. regiae acad. Monacensis, Monachii, 1825. 4°.
Afterwards issued in conjunction with F. P. Schrank, 1829.

‡——— Auswahl merkwuerdiger Pflanzen des K. bot. Gart. zu Muenchen. Frankf. [1830?]. 4°.

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‡[MARTIUS (C. F. P. von)?] Hortus regius monacensis seminifer. Monachii, 1839. 4°.
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‡Martius (K. F. P. von). Das Koenigliche Herbarium zu Muenchen. Muenchen, 1850. 4°.

‡Eichler (A. W.). Das Herbarium Martii. Muenchen, 1869. 8°.

Oldenburg.

‡Moehring (P. H. G.). Primae lineae horti privati . . . Moehring . . . Oldenburgi, 1736. 12°.

Ovelguenne.

‡Schiller (G. W.). Catalog der Orchideen-Sammlung . . . zu Ovelguenne an der Elbe. Ed. 3. Hamb. 1857. 8°.

Potsdam.

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Regensburg.

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Schwetzingen.

Zeyher (J. M.). Verzeichniss . . . im Grossherzoglichen Garten zu Schwetzingen. Mannheim, 1818. 8°.

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Henschel (A. W. E. T.). Zur Geschichte der botanischen Gaerten . . . in Schlesien . . . Berlin, 1837. 8°.

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‡GIELEN (P.). Die Nadelhoelzer des Woerlitzer Gartens. Dessau, 1878. 8°.

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§ 110. GREECE, ETC.

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‡[HELDREICH (T. von).] Index seminum . . . horti bot. Athenarum. [Athens?], 1860. 4°.

‡HELDREICH (T. von). Cat. syst. herbarii T. G. Orphanidis . . . (Fasc. i.) Leguminosae. Florent. 1877. 8°.

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‡HOFMAN (U.). Catalogŭ planteloru, gradinei botanice a scoalei de medicina dui Bucurescĭ. [Bucharest, 1866.] 4°.

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§ 111. ITALY.

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‡[RIDOLFI (—.).] Catalogo delle piante coltivate a Bibbiena. Firenze, 1843. 4°.

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[RODATI (A.).] Index plantarum . . . horto publico Bononiae. . . . Bonon. [1802.] 4°.

†BERTOLONI (A.). Continuatio hist. horti bot. . . . bononiensis . . . Bonon. [1837.] 4°.

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——— Horti botanici bononiensis plantae novae. Bonon. 1838–9. 4°.

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——— Hortus botanographicus . . . Bononiae, 1660. 8°.

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VENTURI (A.). Plantae in horto A. V. Brixiae, 1835. 8°.

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‡[——— ?] Enum. pl. quas reg. hortus calaritanus . . . 1871. [Cagliari, 1872.] 8°.

‡[——— ?] L'orto botanico . . . della real univ. di Cagliari . . . Cagliari, 1872. 8°.

‡GENNARI (P.). Guida dell' orto botanico . . . di Cagliari. Cagliari, 1874. 8°.

Caserta.

‡TERRACCIANO (N.). Cenno intorno al giard. bot. . . . in Caserta. Caserta, 1876. 4°.

Ferrara.

CAMPANA (A. F.). Cat. pl. horti bot. regii lycii ferrariensis. Ferrariae, 1812. 8°.

Florence.

MICHELI (P. A.). Catalogus plantarum horti caesarei florentini . . . Florent. 1748. fol.

Posthumous, edited by J. Targioni-Tozzetti.

MANETTI (S.). Viridarium florentinum . . . Florent. 1751. 8°.

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†[ZUCCAGNI (A.).] Synopsis pl. horti bot. mus. florentini anno 1782. [Florent. 1782.] fol.
†[———] Id. 1783. [Florent. 1783.] 8°.
†[———] Id. 1784. [Florent. 1784.] 8°.
†[———] Id. Auctarium . 1793–5. [Florent. 1795.] 4°.
‡[———] Id. 1797. [Florent. 1797.] 4°.
‡[———] Auctarium, i. 1798. [Florent. 1798.] 4°.

Pritzel, Ed. 1. p. 382, gives the dates as "1782-1795," which statement is copied by Dr. Jessen in Ed. 2. p. 449; these lists are not enumerated in the alphabetical series. I have given the above from the Banksian Library.

——— Synopsis pl. . . . horto botanico musei reg. Florentini . . . [Florentiae, 1806.] 8°.

GALLESIO (G.). Dei giardini botanico-agrarii di Firenze. Firenze, 1839. fol.
‡[PICCIOLI (A.).] Cat. delle piante del giardino botanico . . . Firenze, 1829. 8°. [Ed. 2.] 1841.
‡PARLATORE (P.). Les collections botaniques du musée royale de physique et d'histoire naturelle de Florence . . . Florence, 1874. 8°.
‡——— Enum. seminum in hort. bot. reg. . . . Florentini, 1862. Florent. 1863. 8°.
‡——— Id. 1857. Florent. 1858. 4°.
‡——— Id. 1866 . . . Firenze, [1867]. 8°.
‡——— Id. 1867. Firenze, 1868. 8°.
‡——— Id. 1868. Firenze, 1869. 8°.
‡——— Id. 1869. [Florence, 1870.] 8°.
‡[———] Id. 1871. [Florence, 1872.] 8°.
‡——— Id. 1872. Firenze, 1873. 8°.
‡ Enum. sem. . . . 1878. Florentiae, [1879]. 8°.

PLANCHON (J. E.). Hortus donatensis . . . Paris, 1854–8. 8°.

‡LUBBERS (—.). Cat. des plantes rares garnissant les serres . . . [Florence, 1880.] 4°.

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PICCIOLI (G.). Hortus panciatus . . . Firenze, 1783. 4°.

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‡RICASOLI (V). Cat. . . . di piante coltivate nel giardino del barone B. R. Firenze, 1874. 8°.

Genoa.

‡[CESATI (V.), & J. DE NOTARIS.] Index seminum reg. horti bot. genuensis. 1858. [Genoa, 1859?] 8°.

Contains, pp. 36-40, Isoëtes novae descriptio, which was also issued as a separate pamphlet.

‡[NOTARIS (G. de).] Index seminum reg. horti bot. gennensis . . . Genuac, 1872. 8°.

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‡DURAZZO (I.). Il giardino botanico dello Zerbino. Genova, 1804. 8°.

‡——— Cat. des plantes cultivées dans le jardin de Madame Durazzo de Grimaldi, à Pegli. Gênes, 1812. 8°.

Mantua.

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Marengo.

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‡MALACARNE (C. G.). Cat. delle specie vegetabili . . . nel giardino . . . del Liceo del dipart. della Mella. Brescia, 1811. 4°.

Milan.

‡ARMANO (F.). Cat. pl. horti reg. bot. braydensis . . . Milano, 1812. 8°.

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——— Cat. pl. in horto bot. . . . cult. Mutinae, 1817. 8°.

‡——— Index seminum horti mutinensis. Mutinae, 1850. 4°.

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†[Manetti (G.).] Cat. pl. caesarei regii horti prope Modiciam. Mediolani, 1842–6. 8°.

Naples.

Tenore (M.). Catalogus . . . horti regii neapolitani . . . Neapoli, 1812. 4°. Ed. 2. 1819. 8°.

‡Cat. degli alberi ed arbusti, etc. . . . in vendita . . . del real orto botanico di Napoli. Napoli, 1843–4. 8°.

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Pasquale (G. A.). Catalogo del real orto botanico di Napoli . . . Napoli, 1867. 4°.

‡——— Adnotationes . . . [Naples, 1868.] 4°.

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‡Tenore (M.). Semina anno 1825 collecta, quae hort. bot. neapolitanus . . . [Neap. 1826.] 4°.

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‡[———] Index seminum in horto bot. Neap. 1839 . . . Neap. 1839. 4°.

‡——— Id. 1842. Neapoli, 1843. 4°.

‡——— Id. 1856. [Neap. 1857 ?] fol.

Novara.

Biroli (G.). Cat. pl. horti bot. novariensis . . . Novar. 1810. 8°.

[Cattaneo (A.).] Cat. delle piante . . . del giardino Cattaneo . . . Novara, 1812. 8°.

Padua.

[Cortusi (J. A.).] L'horto dei simplici di Padova . . . Venetia, 1591. 8°.

Ed. 2. by J. G. Schenck, Francof. 1608.

Schenck a Grafenberg (J. G.). Hortus patavinus . . . Franc. 1600. 8°.

Vesling (J.). Cat. pl. horti gymnasii patavini . . . Patav. 1642. 12°. [Ed. 2.] 1644.

Turre (G.). Cat. pl. horti patavini . . . Patavii, 1660. 8°. Ed. 2. 1662. 12°.

Marsili (G.). Notizie del pubblico giardino de' semplici di Padova . . . 1771 . . . Padova, 1840. 8°.

Ceni (A.). Orto botanico in Padova. Padova, 1854. 8°.

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†——— Illustrazione delle piante nuove a rare dell' orto botanico di Padova. (3 parts.) Padova & Venezia, 1840–56. 4°.

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‡ARDUINO (P.). Cat. primo . . . real orto di agric. di Padova. Padova, 1807.

TITA (A.). Cat. pl. . . . Patavii . . . J. F. Mauroceni . . . Patav. 1713. 8°.

Palermo.

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[TINEO (G.).] Index pl. horti bot. acad. reg. panormitanae . . . Panormi, 1790. 8°.

——— Synopsis pl. . . . Palermo, 1802-7. 8°.

TINEO (V.). Cat. pl. horti reg. panormitani . . . Panormi, 1827. 8°.

‡TODARO (A.). Hortus botanicus panormitanus . . . Panormi, 1875–8. fol.

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‡TODARO (A.). Relazione sui cotoni coltivati nel real orto bot. di Palermo. Palermo, 1877. fol.

‡[———] Index seminum horti bot. panormitani anno 1861. [Panormi, 1862.] 4°.

‡——— Id. 1863. Panormi, 1864. 4°.

‡——— Id. 1872. Panormi, 1873. 4°.

‡——— Id. 1878. Panormi, 1879. 4°.

GUSSONE (G.). Cat. pl. . . . in regio horti . . . Boccadifalco . . . Neapoli, 1821. 8°.

‡GASPARRINI (G.). Osserv. . . . alcune piante . . . nel real orto botanico di Boccadifalco presso Palermo. [Naples? 18–.] 8°.

Pavia.

‡Cat pl. horti reg. bot. ticinensis . . . [Pavia ?], 1785. 8°.

‡[BRUSATI (—.).] Cat. pl. horti regii bot. ticinensis, anno 1793. Papiae, [1793]. 8°.

NOCCA (D.). Synopsis pl. horti bot. ticinensis . . . Papiae, [1803]. 8°.

——— Onomatologia . . . Papiae, [1813]. 8°.

‡GAROVAGLIO (S.). Sulle attuale condizioni del laboratorio di botanica crittogamica . . . di Pavia. Pavia, 1872. 8°.

Pisa

TILLI (M.). Cat. pl. horti pisani. Florent. 1723. fol.

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‡Enumeratio stirpium in horto academico pisano inventium anno 1798. [Pisis, 1799?] 8°.

TILLI (G. L.). Enum. stirpium in horto acad. pisano . . . Pisis, 1806. 8°. Supp. 1807 and 1810.

‡CARUEL (T.). Guida dell' orto botanico pisano. Pisa, 1872. 8°.

‡[———] L'orto e il museo botanico . . . di Pisa. Pisa, 1874. 8°.

‡[———?] Catalogo dei semi dell' orto botanico pisano, 1873. [Pisa, 1873.] 8°.

Rome.

TRIONFETTI (G. B.). Syllabus pl. horto med. romano . . . Romae, 1688. 4°.

*BONELLI (G.). Hortus romanus. Romae, 1772–93. 8 vols. fol.

‡ALDINUS (T.). Descriptio rariorum pl. . . . in horto farnesiano. Romae, 1625. fol.

VALENTE (A.). Recensio pl. . . . horto F. Caetani . . . Romae, 1803. 8°.

Rivoli.

COLLA (A.). Hortus ripulensis . . . Aug. Taurin. 1824. 4°. Appendixes, 1825, 1827-8.

Saonara.

‡Catalogo delle piante del giardino Sgaravatti in Saonara. Venezia, 1870. 8°.

‡BORGATA (J.). Cat. omnium vegetabilium . . . quae in viridario saponariensi . . . excoluntur. Padova, 1868. 8°.

San Sebastiano.

SPIN (—. de). Jardin de St.-Sébastien . . . Turin, 1809. [Ed. 3.] 1818. Supp. 1823.

Sienna.

‡Catalogo dei semi dell' orto botanico della reale universita di Siena, 1872. [Siena, 1873.] 8°.

Turin.

‡ALLIONI (C.). Auctarium ad Synopsim meth. stirp. horti reg. Taur. [Aug. Taur. 1762?] 4°.

‡[BALBIS (G. B.)?] Synopsis plantarum horti botanici taurinensis. [Turin?], 1801. 8°.

——— Enum. plant. officin. horti bot. taurinensis. Taurini, 1805. 4°.

——— Horti academiae taurinensis stirpium minus cognitarum. Taurini, 1810. 4°.

‡[BIROLI (J.).] Cat. stirpium . . . taurinensis, ad annum 1813. Aug. Taur. [1813]. 8°. App. . . . 1ma, 1814.

This title is taken from the Banksian copy, with MS. note of author's name: it is at variance with the following.

BALBIS (G. B.). Catalogus stirpium horti bot. taurinénsis. Taurini, "1807-14." 8°.

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‡BIROLI (J.). Cat. pl. reg. horti bot. taurinensis. Aug.-Taur. 1815. 8°.

CAPELLI (C.). Cat. stirpium . . . reg. hort. bot. taurinensi. Aug. Taur. 1821. 8°.

MORIS (G. G.). Enumeratio seminum regii horti botanici taurinensis. Taurini, 1831-46. 8°.

‡DELPONTE (G. B.). Guida allo studio delle piante . . . nell' orto botanico della . . . Torino. Torino, 1874. 8°.

Venice.

RUCHINGER (G. M.). Cenni intorno all' orto bot. . . . di Venezia. Venezia, 1842. 8°.

——— Cenni storici dell' . . . orto botanico in Venezia . . . Venezia, 1847. 8°.

BOEHM (J.). Cat. hortuli J. B. Venetiis, 1689. 8°.

TARGIONI-TOZZETTI (G.). Cat. veget. marinorum musei sui . . . Florent. 1826. fol.

ZANNICHELLI (G. J.). Enum. rerum naturalium . . . musaeo zannichelliano . . . Venet. 1736. 4°.

Verona.

‡POLLINI (C.). Cat. pl. horti bot. veronensis. [Veronae, 1812.] 8°.

‡——— Cat. piante dell' orto bot. veronese. Verona, 1814. 8°.

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DEHNHARDT (F.). Cat. pl. horti camaldulensis. [Neapoli, 1829.] 4°. Ed. 2. 1832. 4°.

§ 112. THE NETHERLANDS.

†COMMELIN (J.). Nederlandtze Hesperides . . . Amst. 1676. fol.

Transl., The Belgick or Netherlandish Hesperides, made English by G. V. N. Lond. 1683. 8°.

BREYNE (J.). Prod. fasc. rar. pl. in hortis Hollandiae observatarum. Gedani, 1680. 4°. Fasc. 2. 1689. Ed. 2. by J. B. Breyne, 1789.

‡EEDEN (F. W. van). Hortus batavus. Amst. 1868. 8°.

Came out in parts as Bloemkundig woordenboek.

‡VOS (C. de). Beredeneerd woordenboek der voornaamste heesters en coniferen in Nederland gekweekt. Groningen, 1867. 8°.

Amsterdam.

CORNELIUS (H.). Cat. pl. horti publici amstelodamensi. Amst. 1661. 8°.

*†COMMELIN (J.). Horti med. amstelod. . . . Amst. 1697–1701. 2 vols. fol.

‡Pars altera, C. Commelin, 1701.

COMMELIN (C.). Pl. usualium horti med. amst. Amst. 1698. 8°. Ed. 3. 1724. 8°.

——— Horti med. amst. rariores . . . Lugd. Bat. 1706. 4°. Again in 1715.

Nine vols. of drawings, made under the care of Commelin, are preserved in the Amsterdam Garden; for a full account, see Pritzel, Thes. Ed. 2. No. 1829.

BURMAN (J.). Horti medici amstelaedamensis. Amst. 1775. 8°.

VROLIK (G.). Elenchus plantarum . . . amstel. Amst. 1814. 8°.

Hortus amstelodamensis . . . Amst. 1848. fol.

MIQUEL (F. A. W.), & J. C. GROENEWEGEN. Catalogus horti bot. amstelodamensis. Amst. 1857. 8°.

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ROMAN (J. G.). Catalogus . . . horto acad. groningano . . . Groningae, 1802. 8°.

[DRIESSEN (P.).] Index . . . horto acad. groningano . . . Groningae, 1820. 8°.

Haarlem.

KOKER (A.). Horti med. harlemensis catalogus. Harlemi, 1702. 8°.

Hague (The).

SCHWENCKE (M. W.). Hort. Hagae Com. Hag. Com. 1752. 8°.

[KIGGELAER (F.).] Horti beaumontiani . . . catalogus . . . Hagae Comitis, 1690. 8°.

By some attributed to S. H. van Beaumont himself.

VRIESE (W. H. de). Hortus spaarn-bergensis. Amst. 1839[-46]. 8°.

Harderwijk.

WESTENBERG (E. W.). Viridarii acad. ducatus Gelriae . . . Harderovici, 1709. 12°.

Hartecamp.

LINNAEUS (C.). Viridarium cliffortianum . . . Amst. 1737. 8°.

*——— Hortus cliffortianus . . . Amst. 1737. fol.

A sumptuous privately printed book, with good plates; specific names are here employed; the types of the plants described in this work are preserved in the Botanical Department of the British Museum, South Kensington.

———Musa cliffortiana . . . Lugd. Bat. 1736. 4°.

Leyden.

PAAW (P.). Hortus publicus acad. Lugd. Bat. . . . Lugd. 1603. 8°.

Several editions, with varying dates, four of which are cited by Pritzel, Thes. Ed. 2. No. 6890.

VOORST (A.). Catalogus pl. horti acad. Lugd. Bat. Lugd. Bat. 1633. 12°. Ed. [5.] 1658.

[KRALITZ (H.).] Cat. pl. horti acad. Lugd. Bat. Lugd. Bat. 1636. 24°.

SCHUYL (F.). Cat. pl. horti acad. Lugd. Bat. Lugd. Bat. 1668. 8°. Heidelbergae, 1677. 12°.

Also in German, 1679.

HAUGK (J.). Cat. pl. horti acad. Lugd. Bat. . . . Darmstadt, 1679. 12°.

HERMANN (P.). Horti acad. Lugd. Bat. catalogus. Lugd. Bat. 1687. 8°.

——— Paradisi batavi prodromus . . . Amst. 1689. 12°.

Edited by W. Sherard.

——— Florae lugduno-batavae flores . . . Lugd. Bat. 1690. 8°.

Brought out by L. Zumbach.

*——— Paradisus batavus . . . Lugd. Bat. 1698. 4°.

Posthumous, edited by W. Sherard; another issue in 1705.

GOTTSCHALCK (J.). Cat. pl. horti acad. Lugd. Bat. Plöen, 1697. 8°. Ed. 2. 1704.

‡PETIVER (J.). Cat. of the more rare plants . . . physick garden at Leyden. Lond. [1711?]. 8°.

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‡Bulletin du congrès international de botanique . . . de St. Pétersbourg, 1869. St.-Pétersb. 1870. 8°.

‡Atti del congresso internazionale botanico. Firenze, 1876. 8°.

Contains, F. Ungern-Sternberg, Salicorniarum synopsis, pp. 259-313, and T. de Heldreich, Sertulum pl. . . . Florae hellenicae, pp. 227-240.

‡Actes du congrès internat. de botanistes . . . Amsterdam en 1877. Leiden, 1879. 8°.

GREAT BRITAIN.

The following Schools have Natural History Societies, and publish reports : — CHELTENHAM, CLIFTON, DULWICH, HAILEYBURY, HARROW, HASTINGS, KING EDWARD'S (Birmingham), MARLBOROUGH, RUGBY, WELLINGTON, WINCHESTER, AND YORK.

Most of these reports contain local botanical information.

Berwick-upon-Tweed.

‡The Berwickshire Naturalists' Club. History (Proceedings). Edinb. 1834, etc. 8°.→

Birmingham.

‡B. Natural History . . . Society. Proceedings. 1869, etc. 8°.→

Brighton.

‡B. and Sussex Natural History Society. Ann. Rep. and Abstracts of Proc., 1854, etc. [1855 ? etc.] 8°.→

Bristol.

‡B. Naturalists' Society. Proceedings. Lond. 1866–72. New Series, 1873, etc. 8°.→

Bury (Lancashire).

‡B. Natural History Society. Reports. 1872, etc. 8°.→

The Report for 1872, pp. 14-23, has a list of local plants by R. H. Alcock.

Canterbury.

‡East Kent Natural History Society. Reports. 1858, etc. 8°. & 12°.→

Cardiff.

‡C. Naturalists' Society. [Reports and] Trans. 1868, etc. 8°.→

Chester.

‡C. Soc. of Natural Science. Proc. (Nos. 1 & 2) 1874–8. 8°.

Devizes.

‡Wiltshire Archaeological and Natural History Society. Magazine, 1853, etc. 8°.→

See reference to this, at page 262.

Eastbourne.

‡E. Natural History Society. Ann. Reports, 1869, etc. 8°.→
‡——— Papers, 1870, etc. 4°.→

Exeter.

‡E. Naturalists' Club. Reports, 1863-71. 8°.

Folkestone.

‡F. Natural History Society. Ann. Reports, 1868, etc. 8°.→
‡——— Journal, 1868, etc. 8°.

Gloucester.

‡Cotteswold Naturalists' Field Club. Proceedings, 1850, etc. 8°.→

Greenwich.

‡G. Natural History Club. Botany of the district [by F. Currey]. [Lond. 1868.] 8°. (See also page 254.)

Hereford.

*‡Woolhope Club. Reports. Hereford, 1867, etc. 8°.→

High Wycombe.

‡H. W. Natural History Society. Quarterly Magazine. Wycombe, [1866–70]. 2 vols. 8°.
Edited by J. Britten.

Lewes.

‡L. Natural History Society. Ann. Report, 1865, etc. 8°.
The title as given by Scudder, p. 30, No. 487, is grievously wrong.

Liverpool.

‡L. Natural History Society. Report. 1840. 8°.
‡L. Naturalists' Field Club. Journal, 1866. 8°.
‡——— Proceedings, 1870, etc. 8°.→
‡——— Reports, 1860, etc. 8°.→

London.

‡Botanical Society. Proceedings, Vol. i. pt. 1. 1836-8. 8°.
‡——— "Non desiderata." Lond. 1843. 8°.
A list of plants which were NOT to be sent for exchange.

Ray Society. Reports and Papers on Botany, 1846, 1849. 8°.
‡——— Reports on the Progress of . . . Botany, 1841–2 (1845). 8°.
Various other vols. given under the names of their respective authors.

*‡The London Botanical Exchange Club. Reports. 1867, etc. 8°.→
A continuation of the Thirsk Club, see page 458; the reports contain much critical botany.

‡South London Microsc. and Nat. Hist. Club. Ann. Report, 1872, etc. 8°.→

The Report for 1879 has a list of local plants.

‡West London Scientific Association and Field Club. Ann. Report, 1876, etc. 8°.→

‡——— Proceedings, 1875. 8°.→

‡Botanical Record Club. Reports. Lond. 1873, etc. 8°.→ "1st Quinquennial Volume," 1878. 8°.

Intended to supplement the lists in Watson's Topographical Botany, see page 230.

‡British Association. Reports. Lond. 1833, etc. 8°.→

‡——— Index, 1831-60. Lond. 1864. 8°.

*‡Linnean Society. Trans. Lond. 1791-1875. 30 vols. 4°.

Index to Vols. i.-xxv. [by G. Bentham]. Lond. 1867. 4°.

‡——— Proceedings. Lond. 1849–78. 8°.

*‡——— Journal. Lond. 1857-65. 8 vols. 8°.

*‡——— Id. New Series, Botany. 1865, etc. 8°.→

‡Medico-Botanical Society. Trans. Lond. 1828–39. 8°.

‡Palaeontographical Society. Lond. 1847, etc. 4°.→

Various works which are usually cited as Monographs.

‡Royal Botanic Society. Quarterly Record, Jan. to March, 1880. 8°.

‡Royal Society. Phil. Trans. Lond. 1665. 4°.→

‡——— Abridgment (1665–1800). Lond. 1809. 18 vols. 4°.

‡——— Index to Vols. 1–70, (by P. H. Maty.) Lond. 1787. 4°.

‡——— Id. Continuation, Vols. 71–120. Lond. 1821. 4°.

See also Scudder, pp. 26, 27. The early numbers contain a good deal of Botany, but for the last century comparatively little has appeared.

Maidstone.

‡M. and Mid-Kent Nat. Hist. . . . Society. Trans. 1870. 8°.

Malvern.

‡M. Naturalists' Field Club. Trans. Worcester, 1854–8. 8°.

‡——— Id. 1863–70. 8°.

Manchester.

‡M. Field Naturalists' Society. Reports, 1868, etc. 8°.→

Newbury.

‡N. District Field Club. Trans. 1870–1. 8°.

The single part issued contains, Contributions to the Flora of Berkshire, by J. Britten.

Newcastle.

‡Natural Hist. Soc. of Northumberland, Durham and Newcastle. Reports. Newcastle, 1830–46. 8°.

‡——— Trans. Newcastle, 1865, etc. 8°.→

‡Tyneside Naturalists' Field Club. Trans. Newc.-on-Tyne, 1850–64. 6 vols. 8°.

For later series, see last entry, Nat. Hist. Soc. 1865, etc.

Norwich.

‡Norfolk and N. Naturalists' Society. Trans. Norwich, 1869, etc. 8°.→

Oswestry.

‡O. and Welshpool Naturalists' Field Club. Reports, 1857–64. 8°.

Oxford.

‡Botanical and Natural History Society. Report. 1832. 8°.

Penzance.

‡Natural History and Antiquarian Soc. Report [1848], etc. 8°.→

Plymouth.

‡P. Institution and Devon and Cornwall Nat. Hist. Society. Trans. 1855, etc. 8°.→

Reigate.

‡Holmesdale Nat. Hist. Club. Proceedings, 1865–75. 3 vols. 8°.

None published from 1867 to 1872.

Shrewsbury.

‡Shropshire and North Wales Nat. Hist. and Antiq. Soc. Reports. 1835, etc. 8°.→

‡Caradoc Field Club for the Study of Nat. Hist. in Shropshire. Proceedings, 1869. 12°.

Stafford.

‡North Staffordshire Nat. Field Club. Reports, 1866, etc. 8°.→

Teignmouth.

‡Teign Naturalists' Field Club. Rep. of Proceedings, 1859, etc. 8°.→

Thirsk.

‡T. Natural History Society. Botanical Exchange Club. Thirsk, 1859?–66. 8°.

I have not been able to ascertain the date of the first annual report; a list of desiderata was issued in 1858; continued as London Botanical Exchange Club, see page 456.

Warwick.

‡Warwickshire Natural History and Archaeological Society. Report, 1837, etc. 8°.→

‡Warwickshire Naturalists' and Archaeologists' Field Club. Report of Proceedings, 1838, etc. 8°.→

This is distinct from the preceding.

Watford.

‡W. Natural History Society and Field Club. Trans. Lond. 1875–80. 2 vols. 8°. Continued as the

‡Hertfordshire Natural History Society and Field Club. Trans. Lond. 1880. 8°.→

Wellington.

‡Severn Valley Naturalists' Field Club. Trans. 1865–70. 8°.

Wigan.

‡W. Field Naturalists' Scientific Society. Report. 1871, etc. 8°.

Winchester.

‡W. and Hampshire Scientific and Literary Society. Reports, 1870, etc. 8°.→

‡——— Journal, 1869, etc. 8°.→

The Report for 1870-1 contains a list of local plants.

York.

‡Yorkshire Philosophical Society. Proc. York, 1847–54. 8°.

‡——— Trans. York, 1870. 8°.→

‡West Riding consolidated Naturalists' Society, (*afterwards styled*, The Yorkshire Naturalists' Union.) The Naturalist, Journal of the, 1862–4. 3 vols. 8°.

‡——— The Naturalist . . . and Manual of Exchange in all departments of Natural History. Lond. 1865–6. 2 vols. 8°.

Edited by [C. P. Hobkirk & G. Tindall, of Huddersfield].

‡——— The Yorkshire Naturalists' Recorder, 1867–75. 9 vols. 8°.

‡——— The Naturalist . . . and General Field Club Record. Lond. 1876, etc.→

Edited by C. P. Hobkirk & G. T. Porritt.

‡Yorkshire Naturalists' Club. Proceedings, 1869. 8°.

SCOTLAND.

‡Cryptogamic Soc. of Scotland. Report, 1875, etc. 8°.

This holds its meetings in various parts of the country.

Edinburgh.

‡Botanical Society. Ann. Reports. Edinb. 1837–44. 8°.
‡——— Trans. Edinb. 1844, etc. 8°.→
‡Wernerian Natural History Society. Memoirs. Edinb. 1808–39. 8 vols. 8°.
‡Royal Society of E. Trans. 1788, etc. 4°.→
‡Scottish Botanical Alpine Club. Proc. 1872. 8°.

Glasgow.

‡G. Society of Field Naturalists. Trans. 1872, etc. 8°.→
‡Natural History Society. Proceedings, 1868, etc. 8°.→

Orkney.

‡Natural Hist. Society. Report. Edinb. 1839. 8°.

Perth.

‡Perthshire Society of Natural Science. Proceedings, 1869, etc. 8°.→
‡——— Report of Ann. Meeting, 1875, etc. 8°.→

The Scottish Naturalist, see page 474.

IRELAND.

Dublin.

‡Natural History Society. Report. Dubl. 1839-44. 8°.
‡——— Proceedings. 1849–71. 6 vols. 8vo.

See also Nat. Hist. Review (London), on page 473.

‡Royal Irish Academy. Proceedings, 1836–69. Dublin, 1841–70. 10 vols. 8°. 2nd Ser. 1869, etc.→
‡——— Transactions. 1787–1859. 23 vols. 4°. Index, 1787–1813. 2nd Ser., Science, Vol. 24, etc. 1860, etc.→
‡University . . . Botanical Association. Proc. Dubl. 1858-60. 8°.

(Subsequently = Dublin Univ. Natural Science Association, afterwards merged in the Nat. Hist. Soc. of Dublin.)

AUSTRIA.

Budapest.

‡Magyar nemzeti muzeum. Természetrajzi füzetek. 1877, etc. 8°.→

Edited by O. Herman, assisted by V. von Janka, J. von Frivaldsky, and J. Krenner.

Prague.

†Verhandlungen der Gesellschaft der Vaterlandischen Museums in Boehmer . . . Prag. 1832. 8°.
List of Members, with discourses by Presl and others.

Vienna.

‡Oesterreichische Lit. der . . . Botanik . . . fuer 1850-3. Wien, 1855. 8°.

‡Gartenbau-Gesellschaft des oesterreichischen Kaiserstaates. Botanischer Archiv. 1837. 4°.

‡Annalen des Wiener Museums der Naturgeschichte. Wien, 1835-40. 2 vols. 4°.

‡Abhandl. phytologische . . . Wiener Museums. . . Wien, 1841. 4°.
Contributions by Bentham, Endlicher, Fenzl, and Unger.

†Verhandlungen des . . . botanische Vereins in Wien. Wien, 1851, etc. 8°.→

‡Zoologisch-Botanischer Verein. Verhandl. Wien, 1852, etc. 8°.→
Indexes, vols. i.-v. (1857), vi.-x. (1862), xi.-xx. (1872).

‡Separat-abdruck Natur- . . . liche Abhandlungen . . . Zool. Bot. Vereins in Wien. Wien, 1856. 8°.

‡Wiesner (J.). Arbeiten des pflanzenphysiologischen Institutes der K. K. Wiener Universitaet. Wien, 1874. 8°.

†Kaiserliche Akademie der Wissenschaften. Sitzungsberichte, 1848, etc. 8°.→
Register, vols. i.-lxiv. (1848-71), 1872.

BELGIUM.

Antwerp.

‡Société phytologique d'Anvers. Annales. Anvers, 1864, etc. 8°.→

Brussels.

‡Academie royale des sciences . . . Bulletin, 1832–56. 8°.
‡——— (Series II.) 1857, etc.→
‡——— Mémoires, 1840, etc.→
See also Scudder, p. 62.

‡Société royale de botanique de Belgique. Bulletin, 1862, etc. 8°.→
‡Soc. royale linnéenne de Bruxelles. Bulletin, 1871, etc. 8°.→

Ghent.

‡Société royale d'agric. et de botanique de Gand. Annales, Gand, 1845–8. 4 vols. 8°.
Edited by C. Morren.

Luxemburg.

‡Société botanique du Grand-Duché de Luxembourg. Mémoires, 1874, etc. 8°.→

FRANCE.

Aigle.

‡Société murithienne. Bulletin, 1868, etc. 8°.→

Amiens.

‡Soc. linnéenne du nord de la France. Bulletin, 1840–5. 8°.
‡——— Bulletin mensuel, 1872, etc. 8°.→
‡——— Mémoires, 1867, etc. 8°.→

Angers.

‡Société linnéenne de Maine et Loire. Annales, 1853, etc. 8°.→

Autun.

‡Société eduenne. Annales, 1860–4. 2 vols. 8°.
‡——— Mémoires, 1837–68. 23 vols. 4°. and 8°. II. 1872, etc. 8°.→
‡——— Mémoires d'histoire naturelle, 1865–6. 2 vols. 8°.

Beauvais.

‡Soc. d'horticulture et de botanique. Bulletin, 1864. 8°.

Bordeaux.

‡Soc. linnéenne. Actes, 1830–8. 7 vols. 8°. II. 1839–55. 10 vols. III. 1856–76. 10 vols. IV. 1876, etc.→

Caen.

‡Société linnéenne de Calvados (*afterwards* Soc. linn. de Normandie). Mémoires, 1824–8. 4 vols. 8°.
‡——— Mémoires, II. 1835–73. 12 vols. 4°.
‡Bulletin, 1856–66. 10 vols. 8°. II. 1868–76. 10 vols. III. 1877. 8°.

Cherbourg.

‡Soc. . . . des sciences naturelles. Mémoires, 1852–64. 10 vols. 8°. Sér. II. 1865-76. 10 vols. Sér. III. 1878.→

Grenoble.

‡Société dauphinoise pour l'échange des plantes. Bulletin, 1873, etc. 8°.→

Havre.

‡Cercle pratique d'horticulture et de botanique. Bulletin, 1859–62. 8°.

Lyons.

‡Société botanique de Lyon. Annales. Lyon, 1871, etc. 8°.→
‡Soc. linnéenne. Annales, 1836-52. 4 vols. 8°. II. 1852, etc.→
‡——— Comptes rendus, 1839-44. 8°.

Montpellier.

‡Société d'horticulture et de botanique de l'Hérault. Annales, 1860-8. 8 vols. 8°. II. 1868, etc.→

Paris.

‡Institut de France; Académie royale des Sciences. Comptes-rendus. 1835, etc. 4°.→
For full list, see Scudder, p. 95.

‡Association française pour l'avancement des sciences. Comptes rendus. 1872. 8°.→
‡Museum d'histoire naturelle. Annales, 1802-13. 20 vols. 4°.
‡——— Nouvelles annales, 1832-5. 4 vols. 4°.
‡——— Archives, 1839-61. 10 vols. 4°.
‡——— ——— Sér. II. 1865–74. 10 vols.
*‡Société botanique de France. Bulletin, 1854, etc. 8°.→
‡Société d'histoire naturelle. Actes, 1792. fol.
‡——— Mémoires, 1823-34. 4°.
‡Société linnéenne. Mémoires, 1822-7. 5 vols. Vol. vi. (Annales), 1827. 8°.
‡——— Comptes rendus. 1821-26. 8°.

Rouen.

‡Société des amis des sciences naturelles. Bulletin? 1865. 8°.→

St. Jean d'Angely.

‡Société linnéenne de la Charente-Inférieure. Bulletin, 1874, etc. 18°.→

Toulouse.

‡Acad. . . . des sciences . . . Mémoires. 1782, etc. 4°.→
The present series is the seventh. See Scudder, p. 115.

GERMANY.

*‡Academia caesarea leopoldino-carolina naturae curiosorum. Acta, 1727–54. 10 vols. 4°.

*†Acad. caes. . . . nat. curiosorum. Nova acta, 1758–91. 8 vols. 4°. II. Vols. ix., etc. 1818, etc.→

Published at various places in succession—Nuernberg, Bonn, Breslau, Dresden, Regensburg, Halle.

Berlin.

‡Archiv fuer Naturgeschichte. 1835, etc. 8°.→

Edited by A. F. A. Wiegmann, contains—Bericht ueber die Leistungen in der geographischen und systematischen Botanik, 1847-54. See Scudder, p. 152, No. 2287 d, for further information.

‡Physiologisches Laboratorium der landw. Lehranstalt. Botanische Untersuchungen, 1865–7. 8°.

‡Koen. Akademie der Wissenschaften. Abhandlungen, 1804, etc. 4°.→

‡——— Monatsberichte, 1856, etc. 8°.→

‡Inhaeltsverzeichniss der Abhandlungen der K. Ak. der Wissenschaften . . . Berlin, 1822–72. Berl. 1873. 8°.

Classified according to subjects.

Verhandlungen des Botanischen Vereins fuer die Mark Brandenburg. Berlin, 1859, etc. 8°.→

Bonn.

‡Botanischer Verein am Mittel- und Nieder-Rheine. Bonn, 1837–41. 8°.

Brandenburg.

‡Schlesischen botan. Tausch-Verein. Verzeichniss, 1862, etc. 4°.→

Carlsruhe.

‡Naturwissenschaftlicher Verein. Verhandl. 1864, etc. 4°.→

Dresden.

‡Gesellschaft fuer Botanik und Gartenbau. Mittheilungen ueber Flora. 1841–64. 3 vols. 8°.

Eberswalde.

‡Danckelmann (B.). Die Forstakademie Eberswalde von 1830 bis 1880. Berlin, 1880. 4°.

‡Festschrift fuer die funfzigjaehrige Jubelfeier der Forstacademie Eberswalde. Berlin, 1880. 4°.

Eisenach.

‡Oekonomisch botanisches Garten-Journal. 1795–1804. 5 vols. 8°.

Goettingen.

‡Untersuchungen aus dem botanischen Laboratorium der Universitaet Goettingen. Berlin, 1879, etc. 8°.→

Edited by J. Reinke.

Halle.

‡Naturwissenschaftlicher Verein fuer Sachsen und Thueringen. Abhandl. Berlin, 1848, etc. 4°.→

‡——— Zeitschrift. Berlin, 1853–69. 34 vols. 8°.

See also Scudder, pp. 182-3.

Hamburg.

‡Natur Verein. Abhandl. Hamb. 1856. 4°.

Kiel.

‡Naturw. Vereins fuer Schleswig Holstein. Schriften. 1873, etc. 8°.→

Leipzig.

‡Soc. naturae scrutatorum. Acta (Schriften). Lips. 1822. 4°.

Muenchen.

*‡Hartig (R.). Unters. aus dem forstbotanischen Institut zu Muenchen. Berlin, 1880. 4°.

Palatinate (The).

‡Pollichia; Jahresbericht. Landau, Duerckheim und Neustadt. 1843–68. 27 vols. 8°.

Regensburg.

†Koen. Baierische botanische Gesellschaft. Flora, see page 478.

For an account of the fourteen different issues of this Society, see Scudder, p. 211, No. 3191.

‡Regensburger botanische Gesellschaft. Schriften, 1792. 8°.

Strassburg.

‡Société d'histoire naturelle. Mémoires. Paris, 1830–53. 4 vols. 4°.

Subsequently the Soc. du museum d'histoire naturelle, and Soc. des sciences naturelles; vols. v., vi., Strassb. 1858-70.

Wuerzburg.

*Sachs (J.). Arbeiten des Botanisches Instituts in Wuerzburg. Leipzig, 1871, etc. 8°.→

Zwickau.

‡Verein fuer Naturkunde. Jahresb. 1873, etc. 8°.→

ITALY.

Catania.

‡Accad. Gioenia di scienze naturali. Atti. Catania, 1825, etc. 4°.→

Genoa.

‡Commentatio della societa crittogamiologia italiana. Genova, 1861–5. 8°.→

Continued as Atti . . . Milano, 1878, etc., see below.

Milano.

‡Societa crittog. italiana. Atti. 1878, etc. 8°.→
‡Soc. italiana di scienze naturali. Atti. 1860, etc. 8°.→
‡——— Memorie. 1865–71. 4°.

Naples.

‡Reale accademia delle scienze . . . Atti. 1819–51. 6 vols. 4°.
‡——— Memorie. 1852–57. 2 vols. 4°.
‡——— Rendiconti. 1842–57. 14 vols. 8°.

See also Scudder, p. 130.

Pavia.

‡Garovaglio (S.). Archivio triennale del laboratio di botanica crittog. . . . di Pavia. Milano, 1874. 8°.

Sardinia.

‡Giornale del laboratorio crittogamico et etnologico per lo studio dei parassiti vegetali ed animali delle piante fanerogame della Sardegna. Sassari, 1879. 8°.

Turin.

‡Société royale. Miscellanea taurinensis, 1760–73. 4 vols. 4°.

For list of various publications and changes of name, see Scudder, p. 138; a full account will be found also in the British Museum Catalogue.

NETHERLANDS (The).

Hague (The).

‡Kon. zoologisch-botanisch genootschap. Verslag, 1864, etc. 4°.

Leyden.

‡Vereeningen voor de nederlansche flora. Verslag, 1846–54. 8°.
‡Soc. royale d' horticulture des Pays-bas. Annales d'horticulture et de botanique. Leide, 1858–62. 5 vols. 8°.

Edited by P. F. von Siebold and W. H. de Vriese.

RUSSIA.

Helsingfors.

‡Saellskapet pro fauna et flora fennica notiser ur foerhandlingar. Helsingf. 1858, etc. 8°.→
‡——— Bihang, 1871, etc. 8°.→
‡Societas scientiarum fennicae. Acta. 1847, etc. 4°.→

Kazan.

‡*Report on Proceedings of the Natural History Society of the Kazan University*, 1869–79. *Kazan*, 1879. 8°.
Botanical papers, pp. 6-13, by N. F. Levakovsky.

Moscow.

‡Société impériale des naturalistes. Mémoires, 1806–23. 6 vols. 4°.
A complete original set is rarely to be met with, as much of the impression perished by fire in 1812. Vol. i. was reprinted in 1811, and vols. i-iv. also in 1820.

‡——— Nouveaux mémoires, 1829, etc. 4°.→
‡——— Bulletins, 1829, etc. 8°.→

St. Petersburg.

‡Academie impériale des sciences. Bulletins, 1859, etc. 4°.→ Mémoires, V. 1803–22. 11 vols. 4°. VII. 1859, etc.→
For full list, see Scudder, pp. 245-6, Nos. 3706, 3707.

‡*Trans. St. Petersburg Imperial Botanical Gardens.*
See page 443, under its Latin title, Acti horti petrop. etc.

SCANDINAVIA.

DENMARK.

Copenhagen.

‡Naturhistorie Selskabet. Skrifter. Kjoeb. 1790–1810. 6 vols. 8°.
‡Naturhistorie Foerning. Videnskabelige Meddelelser. 1849–58. 10 vols. 8°. Ser. II. 1859–68. 10 vols. Ser. III. 1869, etc.→ Register, 1849–68 (1870).
‡Botaniske Foerning. See page 480.

NORWAY.

Christiania.

‡Videnskabs Selskabet. Forhandlingar. 1858, etc. 8°.→
‡——— Id. Register, 1858–67 (1868).

SWEDEN.

Stockholm.

‡Kongl. svenska vetenskaps akademien. Handlingar, 1739–79. 40 vols. 8°. Register, i.–xv. (1755), xvi.–xxx. (1770), xxxi.–xl. (1780). Nya handlingar, 1780–1812. 33 vols. Register (1798, 1812). Handlingar [Ser. 3.] 1813–54. 43 vols. Plates. 4°. 1846. Register 1813–25 (1826). IV. 1855, etc. 4°.⟶ Bihang, 1872, etc. 8°.⟶ Register, 1739–1825 (1831).

For other publications of this Society, see Scudder, p. 44.

Wikstroem (J. E.). Jahresberichte der Koenigl. Schwedischen Akad. . . . der Botanik . . . Breslau, 1834–47. 15 vols. 8°.

‡Andersson (N. J.). Register oefver de till kongl. vetenskaps. akademien . . . Wikstroem-afgifna årsberaettelser i bot. . . . Stockh. 1852. 8°.

Upsala.

‡Reg. soc. scientiarum . . . Acta. 1740–50. 4°.

‡——— Nova acta. 4°. 1773–1850. Ser. III. 1851, etc.⟶

SPAIN.

Madrid.

‡Sociedad española de historia natural. Anales, 1872, etc. 8°.⟶

SWITZERLAND.

Basel.

‡Societas physico-medica . . . Acta helv. 1751–77. 8 vols. 4°.

‡——— Nova acta helvetica 1787. 1 vol. 4°.

‡Soc. helvetique des sciences naturelles. Actes, 1828, etc. 8°.⟶

See also Scudder, p. 140.

Geneva.

‡Soc. d'histoire naturelle. Mémoires, 1821–65. 17 vols. 4°.

Lausanne.

‡Soc. vaudoise des sciences naturelles. Bulletin, 1842, etc. 8°.

AFRICA.

Algeria.

‡Société des sciences physiques . . . Bulletin. Alger, 1864, etc. 8°.⟶

Mauritius.

‡Société d'histoire naturelle de l'île Maurice . . . Procès-verbal. 1842–5. (L. Bouton, Sec.) Maurice, 1846. 8°.

‡——— Rapports. Travaux. Port Louis, 1846. 4°.

AMERICA.

Boston.

‡Natural History Society. Journal. Boston, 1837–63. 7 vols. 8°.

Buffalo.

‡B. Society of Natural Sciences. Bulletin, 1873, etc. 8°.→

Charleston.

‡Elliott Society of Natural History. Proceedings. Charleston, 1853–59. 8°.

‡——— Journal. Charleston, 1859–60. 4°.

New York.

*‡Lyceum of Natural History (*since* 1876, New York Academy of Sciences). Annals. 1823, etc. 8°.→

‡Torrey Club. Bulletin. New York, 1870, etc. 8°.→
General Index to vols. i.-v. (1870-4).

San Francisco.

‡California Academy of Sciences. Memoirs. 1868, etc. 4°.→

‡——— Proc. 1854, etc. 8°.→

Springfield.

‡Illinois Natural History Society. Transactions. 1861. 8°.→

Washington.

‡Smithsonian Institution. Reports. 1847, etc. 8°.

*‡——— Contributions. 1848, etc. 4°.→

‡——— Miscellaneous Collections. 1862, etc. 8°.→
Index to 1877. Washington, 1877. 8°.

CANADA.

Montreal.

‡Natural History Society. Canadian Naturalist . . . Montreal, 1857–63. 8°.

‡——— New Series, 1864, etc.→

Kingston.

‡Botanical Society of Canada. Annals. Kingston, 1861, etc. 4°.

Nova Scotia.

‡Nova Scotian Institute of Natural Science. Proc. and Trans. 1870, etc. Halifax. 8°.→

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Rio de Janeiro.

‡Sociedad vellosiana. (Bibliotheca guarabarensa). Trabalhos, vol. i. 1852. 4°.

ASIA.

Batavia.

‡Bataviaasche genootschap van kunsten en wetenschappen. Tijdschrift, 1852, etc. 8°.→

‡——— Verhandelingen, 1779, etc. 4°.→

‡Naturkundige vereeninging in Nederlandsch Indië. Naturh. tijdschrift. 1850, etc. (7 series). 8°.→

‡Tijdschrift voor Nederlandsch-Indië. 1838–62. 55 vols. 8°. II. 1863–6. 8 vols. III. 1867–71. 10 vols. IV. 1872, etc.→

AUSTRALIA.

Hobart Town.

‡Royal Society of Van Diemen's Land (*afterwards called* R. S. of Tasmania.) Reports. Hobart Town, 1856–63. 8°. Monthly Notices, 1868, etc. 8°.→

‡——— Papers and Proc. 1849–59. 3 vols. 8°.

Melbourne.

‡Royal Society of Victoria. Trans. 1861, etc. 8°.→

Name of Society changed in succession, thus: Philosophical Society, Trans. 1855, 8°. then styled Philosophical Institute, (vols. ii.-v., 1856-60), next named Victorian Institute for the Advancement of Science, finally as above.

Sydney.

‡Royal Society of New South Wales. Trans. and Proc. 1867, etc. 8°.→

‡Linnean Society of New South Wales. Proceedings, 1876, etc. 8°.→

NEW ZEALAND.

Dunedin.

‡D. Naturalists' Field Club. Report, 1873, etc. 8°.→

§ 124. JOURNALS.

ENGLAND.

London.

‡The Monthly Miscellany; or Memoirs for the Curious. Lond. 1707–9. 3 vols. 4°.
Edited by J. Petiver.

‡A compleat volume of the Memoirs for the Curious, from Jan. 1707 to Dec. 1708. 2 vols. Lond. 1710. 4°.
A duplicate of vol. i. and ii. of the preceding, with different title, and without separate titles to each number.

‡The Naturalists' Journal. 1767. 4°.

‡The Naturalists' Miscellany. 1790–4. 5 vols. 4°.

Curtis (W.). Companion to Botanical Magazine. Lond. 1788. 8°.

Donovan (E. O.). Botanical Review. Lond. 1790. 8°.

†Koenig (C.), & J. Sims. Annals of Botany. Lond. 1805–6. 2 vols. 8°.

*Andrews (H. C.). Botanist's Repository. London, 1799–1881. 10 vols. 4°.

*Loddiges (C.). Botanical Cabinet. Lond. 1818–24. 10 vols. 4°.

‡The Naturalist's Repository. Lond. 1823–7. 5 vols. 8°.
Edited by E. Donovan.

Mudie (A.). Botanic Annual . . . Lond. 1832. 8°.
Only one volume issued.

*Hooker (W. J.). Botanical Miscellany . . . Lond. 1830–3. 3 vols. 8°.

‡Rennie (J.). Field Naturalist . . . Lond. 1833–4. 2 vols. 8°.

‡Magazine of Botany and Gardening, British and Foreign . . . Lond. 1833–7. 3 vols. 4°.
Edited by J. Rennie.

Paxton (J.), & J. Harrison. Horticultural Register. Lond. 1832–6. 5 vols. 8°.

*Hooker (W. J.). Companion to the Botanical Magazine. Lond. 1835–6. 2 vols. 8°.

‡The Naturalist. Lond. 1837-9. Vol. i. 4°. Vols. ii.-v. 8°.

Vol. i. conducted by B. Maund and W. Holl, the remainder by N. Wood.

Lindley (J.). Appendix to the first 23 vols. Botanical Register . . . Lond. 1839. 8°.

Contains, Vegetation of the Swan River Colony.

‡Magazine of Natural History. Lond. 1829-36. 9 vols. 8°.

Edited by J. C. Loudon.

‡——— Id. New Series. Lond. 1837-40. 4 vols. 8°.

Edited by E. Charlesworth, the Annals (see next page) intended as a continuation.

*Knowles (G. B.), & F. Westcott. The Birmingham Botanic Garden; or, Midland Floral Magazine. Lond. 1836-7. 8°.

*——— ——— Floral Cabinet . . . Lond. 1837-40. 3 vols. 4°.

*Hooker (W. J.). Journal of Botany. Lond. 1834-42. 4 vols. 8°.

Floricultural Cabinet and Florist's Magazine. Lond. 1833-42. 10 vols. 8°.

——— New Series. Lond. 1843-6. 7 vols. 8°.

Both series edited by J. Harrison.

*Edwards (S.). Botanical Register. Lond. 1815-47. 33 vols. 8°.

J. B. Ker was sometime Editor; Lindley's name was first given as such, on title-page of vol. xv. (1829).

*Hooker (W. J.). London Journal of Botany. Lond. 1842-8. 5 vols. 8°.

‡Paxton (J.). Magazine of Botany. Lond. 1834-49. 16 vols. 8°.

*Henfrey (A.). Botanical Gazette. Lond. 1849-51. 3 vols. 8°.

*The Phytologist . . . Lond. 1844-54. 5 vols. 8°.

Sometimes arranged under G. Luxford's name, and at others under E. Newman's; the latter was the proprietor, and from the various and uncertain statements he published as to his actual connection with it, it is not remarkable that Pritzel should give it in three places. For New Series, see next page.

‡The Botanic Eclectic Review . . . Cheltenham, 1855. 8°.

Contains descriptions of a few medicinal plants.

*Hooker (W. J.). Journal of Botany and Kew Garden Miscellany. Lond. 1849-57. 9 vols. 8°.

‡Notes and Queries for Naturalists. 1857. 8°.

‡The Naturalist. Lond. 1851-8. 8 vols. 8°.

Edited by B. R. Morris, vols. i.-v., the last three by F. O. Morris. Continued as The Magazine of Natural History and Naturalist, ed. by F. O. Morris. Lond. [1860]. (Nos. 1-9.) 8°. This is not the same as the similarly named Journals.

‡The Gardeners' Magazine of Botany. Lond. 1850–2. 3 vols. 4°.

Edited by T. Browne & W. P. Ayres.

IRVINE (A.). The Phytologist. [New Series.] Lond. 1855–63. 6 vols. 8°.

‡Natural History Review. Lond. 1861–5. 5 vols. 8°.

‡The Botanists' Chronicle. Chelsea, 1863–5. 8°.

Edited by A. Irvine, 17 Nos. only.

‡The Naturalist's Circular. Lond. 1864–8. 16°.

‡The Naturalist's Note Book. Lond. 1867[–70]. 4°.

‡The Pharmaceutical Journal. Lond. 1842–59. 18 vols. 8°. New Series, 1860, etc.⟶ (General Indexes, in 1857, 1869.)

‡The Midland Naturalist. Lond. 1878. 8°.⟶

*CURTIS (W.). Botanical Magazine. 1787, etc. 8°.⟶

Editors, vols. 1-14, W. Curtis; 15-42, J. Sims; Index to first 42 vols. by S. Curtis, 1828; 43-53 (N. S. 1-11), J. Sims; 54-70 (N. S. 1-17), S. Curtis & W. J. Hooker; 71-96 (Third [i.e. Fourth] Series, 1-27), W. J. & J. D. Hooker, and the latter alone. Through all the series of volumes and changes of editors, only one set of numbers has been used, so that quotation is quite simple by merely giving the number of the plate, without the need of quoting vol. or series. The figures are frequently closely copied by foreign journals, with very scant acknowledgment.

‡Annals of Natural History. Lond. 1838–40. 5 vols. 8°.

Continued as Annals and Magazine of Natural History. Lond. 1840-47. 15 vols. 8°. 2nd Series, 1848-57, 20 vols.; 3rd Series, 1858-67, 20 vols.; 4th Series, 1868-77, 20 vols.; 5th Series, 1878, etc.⟶

‡The Gardeners' Chronicle and Agricultural Gazette. Lond. 1841-65. fol. (Editors, see next entry.)

‡The Gardeners' Chronicle. New Series, 1866, etc. fol.⟶

Edited at first by J. Lindley, afterwards by Lindley & M. T. Masters, now by Masters & T. Moore.

†SEEMANN (B.). Journal of Botany . . . Lond. 1863–71. 9 vols. 8°.

‡——— New Series (edited by H. Trimen), 1872, etc.

Title changed, Jan. 1880 to Trimen's J. of B. and thence edited by J. Britten.⟶

‡HARDWICKE'S Science Gossip. Lond. 1865, etc. 8°. (Dated 1866, etc., on Title.)⟶

Vols. i.-vi. edited by M. C. Cooke; since then by J. E Taylor.

‡The Garden. 1871, etc. 4°.⟶

Conducted by W. Robinson.

‡Grevillea. Lond. 1872. 8°.⟶

Edited by M. C. Cooke.

Huddersfield.

‡The Naturalist. Huddersfield, 1865, etc. 8°. (See page 459.)

Leeds.

‡The Family Herbal and Botanic Record. Leeds, 1855. 8°.
Edited by J. Skelton; woodcuts of native medicinal plants.

Manchester.

‡COFFIN's Botanical Journal and Medical Reformer. Manchester, (& London), 1849–39. 10 vols. 8°.
Vols. iv.-x. were published in London; the work contains a few illustrations of officinal plants, but the botany is contemptible.

‡Yorkshire Naturalist's Recorder. Manchester, 1873. 8°.
Only twelve numbers published, from July, 1872, to June, 1873.

Worcester.

‡The Analyst . . . 1834–40. 10 vols. 8°.

SCOTLAND.

Edinburgh.

‡Magazine of Zoology and Botany. Edinb. 1837–8. 2 vols. 8°.
Continued as Annals of Natural History, see p. 473.

Perth.

‡The Scottish Naturalist. Perth, 1871, etc. 8°.→
Edited by F. B. White.

IRELAND.

Dublin.

‡The D. Quarterly Journal of Science. 1861–6. 6 vols. 8°.

AUSTRIA.

Kolozsvár (Klausenburg).

‡Magyar nővénytani lapok. 1877, etc. 8°.
Edited by A. Kanitz.

Vienna.

‡Oesterreichisches Botanisches Wochenblatt. Vols. i.–vii. 1851–7. 8°. *Continued as*

‡Oest. botanische Zeitschrift. Vols. viii. etc. 1858, etc.→
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BELGIUM.

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MORREN (C.). Dodonaea. Bruxelles, 1841–3. 8°.
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‡Revue des questions scientifiques. Brux. 1879, etc. 8°.→

Liège.

‡MORREN (C. & E.). Clusia . . . Tératologie végétale. Liège, 1852–74. 8°.

Ghent.

‡Le jardin fleuriste. Gand, 1851–4. 4 vols. 8°.
‡Flore des serres . . . Gand, 1845, etc. 8°.→
L'illustration horticole . . . Gand, 1854, etc. 8°.→
Edited by C. Lemaire.

La Belgique horticole. 1850, etc. 8°.→
Edited by E. Morren; Table générale, tomes i.-xx. Gand, 1871. 8°.

FRANCE.

Cahan.

‡Revue bryologique. 1874, etc. 8°.→
Edited by T. Husnot.

Montpellier.

‡Revue des sciences naturelles . . . 1872–4. 2 vols. 8°.
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Journal d'histoire naturelle . . . Paris, [1792]. 2 vols. 4°.
DESVAUX (A. B.). Journal de botanique . . . Paris, 1808–9. 2 vols. 8°,
——— Id. Appliquée à l'agriculture. 1813–4. 4 vols. 8°.
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Flore des serres et des jardin de Paris . . . Paris, 1834. 6 vols. 4°.
Revue botanique. Paris, 1845–7. 8°.
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*‡Annales des sciences naturelles. Paris, 1824–33. 30 vols. 8°.
Table générale . . . 1829-31, (1841),
2de Série (Botanique), 1834-43, 20 vols. 8°.
3me ,, ,, 1844-53 ,,
4me ,, ,, 1854-63 ,,
5me ,, ,, 1864-74 ,,
6me ,, ,, 1875→
The last series edited by A. Brongniart & J. Decaisne.

BAILLON (H. C.). Adansonia. 1860, etc. 8°.→
‡HUBERSON (M. G.). Journal de botanique pure et appliquée. Paris? 1872, etc. fol.→
‡Brébissonia. 1878, etc. 8°.→
Devoted to Algae.

Toulouse.

‡Revue mycologique. Toulouse, 1878, etc. 8°.→
Edited by C. Roumeguère.

GERMANY.

Berlin.

†Linnaea . . . 1826–42. 8°. Ser. II. 1843, etc.→
At first edited by D. F. L. Schlechtendal, now by A. Garcke.

‡Repertorium der Neusten und Wissenswuerdigsten aus den gesammten Naturkunde. Berlin, 1811–12. 4 vols. 8°.
Edited by H. G. Floerke.

‡Wochenschrift fuer Gaertnerei und Pflanzenkunde. Berlin, 1858-72. 15 vols. 4°.
Edited by K. Koch.

‡Berliner Blaetter fuer Botanik, Gaertnerei und Landwirthschaft. 1870, etc. 4°.→
‡VILMORIN's illustrirte Blumengaertnerei. Berlin, 1872. 8°.→
Edited by J. Groenland & T. Ruempler.

Cassel.

‡Botanisches Centralblatt. Cassel, 1880. 8°.→
Edited by Dr. O. Uhlworm.

Dresden.

‡Mittheilungen ueber Flora. 1841–64. 8°.
‡RABENHORST (L.). Hedwigia, 1852, etc. 8°.→
Devoted to Cryptogams.

Dornach.

‡Feuilles des jeunes naturalistes. 1870, etc. 8°.→

Erfurt.

Neues Journal fuer die Botanik. 1806–10, etc. 4 vols. 8°.

Erlangen.

‡REICH (G. C.). Magazin des Pflanzenreichs . . . Erlangen, 1793. 4°.

Vol. i. containing Filices; not continued. Translations from the Linn. Soc. Transactions, London.

Schweizerische-Zeitschrift fuer Land- und Gartenbau. Zuerich, 1843–5. 8°. *Continued as*

Schw. Zeitschr. f. Gartenbau. Zuerich, 1846–51. *Further continued as*

Gartenflora. 1852, etc.→

Edited by E. Regel; in the earlier issues in conjunction with O. Heer.

Glogau.

‡Aus der Heimath. 1859–66. 18 vols. 4°.

Edited by E. Rossmaessler.

Goettingen.

Journal fuer die Botanik. 1799–1803. 5 vols. 8°.

Edited by H. A. Schrader.

Phytographische Blaetter. 1803. 8°.

Edited by G. F. Hoffmann.

Greifswald.

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Halle.

‡PFINGSTEN (J. H.). Magazin fuer Pharmazie, Botanik und Materia medica. Halle, 1782–3. 2 vols. 8°.

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‡MAYER [F.?]. Botanische Blaetter zur Befoerderung des Selbststudiums der Pflanzenkunde, auch besonders fuer Frauenzimmer. 1806–8. 8°.

Hanover.

SEEMANN (B., & W. E. G.). Bonplandia . . . Hannover, 1853–62. 10 vols. 4°.

The index is very badly constructed.

Jena.

‡Leopoldina . . . 1859, etc. 4°.→

‡Zeitschrift fuer Parasitenkunde. 1869, etc. 8°.→
Edited by E. Hallier & F. A. Zuern.

Landau.

‡Pollichia, ein Naturw. Verein der Rheinpfalz. Jahresbericht, 1843-74. 8°. Nachtrag. 1872. 8°. (See also page 465.)

Landshut.

‡Botanischer Verein. Bericht, 1864–71. 3 vols. 8°.

Leipzig.

Annalen de Botanik. Zuerich, 1791–1800. 8°.
Edited by P. Usteri.

‡Miscellen fuer Gartenfreunde, Botaniker und Gaertner. Leipzig, 1802. 5 vols. 8°.

ROEMER (J. J.). Archiv fuer die Botanik. Leipzig, 1796–1805. 3 vols. 4°.

RABENHORST (L.). Botanisches Centralblatt fuer Deutschland. Leipzig, 1846. 8°.

‡Mittheilungen aus dem Gesammtgebiete der Botanik. Leipzig, 1871, etc. 8°.→
Edited by A. Schenk & C. Luerssen.

†Aus der Natur. 1852–9. Ser. II. 1860. 8°.

*†Botanische Zeitung. Berlin, vols. i.-xiii. (1843–55). 8°. Leipzig, vol. xiv. (1856).→
Editors to 1866, Mohl and Schlechtendal; 1867-71, Mohl and De Bary; 1872-8, De Bary and Kraus; 1879, De Bary; 1880, De Bary and L. Just.

Nuremberg.

‡Literaturblaetter fuer . . . Botanik. Nuernberg, 1828–30. 3 vols. 8°.

Regensburg.

†Botanisches Taschenbuch . . . [1790–1804.] 15 vols. 8°.
Continued as

Neues botanisches Taschenbuch. Nuernburg und Altdorff, 1805–11. 7 vols.
Edited by D. H. Hoppe.

Botanische Zeitung. Regensburg, 1802–7. 8°.

Literaturberichte zur Flora. 1831–42. 8°.

Flora, oder Botanische Zeitung. 1818–42. 25 vols. 8°.

——— [New Series,] 1843, etc.→

Weissensee.

‡Blumen Zeitung. Weissensee, 1828–63. 36 vols. 4°.
Edited by F. Haessler, vols. i.-xxvii.; T. Irmisch, xxviii.-xxxii.; J. Sckell, xxxiii.-xxxvi.

ITALY.

Bologna.

‡Alessandrini (A.). Nuovi annali delle scienze naturali . . . 1838–49. 4 vols. 8°.

Florence.

Giornale botanico italiano. Firenze, 1844–7. 8°.
Edited by F. Parlatore.

Nuovo giornale botanico italiano. 1869, etc. 8°.→
Edited by T. Caruel.

Imola.

‡Dunalia. [Imola], 1878. 8°.
Edited by O. Bubani.

Padua.

‡Michelia, commentarium mycol. italicae. 1877, etc. 8°.→
Edited by P. A. Saccardo.

Pisa.

‡Giornale toscano di scienze . . . 1843. 8°.
Edited by J. B. Amici and P. Savi.

Venice.

‡Commentario della fauna, flora e gea del Veneto et del Trentino, periodico trimestriale. Venezia, 1867-9. 3 vols. 8°.
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NETHERLANDS.

Amsterdam.

Journal de la botanique néerlandais . . . Amst. 1861. 8°.
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Groningen.

‡Neêrland's plantentuin . . . Groningen, 1865. 8°.→
Edited by C. A. J. A. Oudemans.

Leyden.

‡Nederlandsch kruidkundig archief. 1846-70. 5 vols. 8°.
Edited by W. H. de Vriese, etc. Continuation, see next.

Nijmegen.

‡SURINGAR (W. F. R.), C. A. J. A. OUDEMANS, & T. H. A. J. ABELEVEN. Nederlandsch kruidkundig archief. 1871–3. 8°. II. 1874.→

‡——— ——— ——— Verslagen . . . nederlandsche botanische veereenging. 1871–3. 8°. II. 1874.→

SCANDINAVIA.

DENMARK.

Copenhagen.

Naturihistorisk Tidsskrift. 1837-43. 4 vols. 8°. II. 1844-9. 2 vols. III. 1861, etc.

‡Botaniske Foerening. Botanisk Tidsskrift. 1862–72. 4 vols. 8°.

Ser. 2. 1872-5. 4 vols. 8°. Ser. 3. (also entitled, Journal de botanique), 1875, etc.→

SWEDEN.

Lund.

‡Botaniska upsater. 1838. 8°.

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In 1847 it bore the title of Nya botaniska notiser. Now edited by O. Nordstedt.

Stockholm.

Svensk botanik. 1801–33. 11 vols. 8°.

This work is described in detail in Pritzel, Thes. Ed. 2. No. 10707.

SWITZERLAND.

Geneva.

‡SERINGE (N. C.). Bulletin botanique, ou collection de notices originales . . . Genève, 1830–2. 8°.

No. 1, Jan. 1830; Nos. 11 & 12, Feb. 1832.

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Magazin fuer die Botanik . . . Zuerich, 1785–90. 4 vols. 8°.

Neues Magazin fuer die Botanik . . . Zuerich, 1794. 8°.

Edited by J. J. Roemer and P. Usteri.

SCHLEIDEN (M. J.), & C. NAEGELI. Zeitschrift fuer wissenschaftlichen Botanik. Zuerich, 1844–6. (Vols. i.–iv.) 8°.

AMERICA.

NORTH AMERICA.

Philadelphia.

‡Atlantic Journal and Friend of Knowledge. Philad. 1832. 8°.
By C. S. Rafinesque.

‡The Floral Magazine and Botanical Repository, 1832-4. 4°.

‡Bulletin of the Historical and Natural Sciences. Philad. 1834. 12°.
Edited by C. S. Rafinesque, 7 Nos. only.

New York.

‡American Journal of Science and Arts. New York, 1818, etc. 8°.
Vol. 50 = Index to vols. 1-49, New Haven, 1820-45, 8°. 2nd Ser., New Haven, 1846-70, 50 vols. 8°.; 3rd Ser., New Haven, 1871.→ Usually quoted as "Silliman's Journal."

Salem.

‡American Naturalist. 1867–75. 8°.
Continued at Boston, 1875, etc.→

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‡Botanical Bulletin. Nov. 1875 to Oct. 1876. [Hanover, Ind.] 8°. pp. 1–52.
Edited by J. M. Coulter.

‡Botanical Gazette. Nov. 1876 to Oct. 1877. [Hanover?] pp. 53–148.
Eds. J. M. Coulter & M. E. Coulter. Index to the complete vol. No issue between Oct. 1877, and Jan. 1878.

‡——— Vol. iii. Jan.–Sept. 1878, Loganport. Oct., Lafayette. Nov., Madison. Dec., Lafayette.

‡——— Vol. iv. Jan.–Dec. 1879. Madison.
Index to vols. iii. & iv.

‡——— Vol. v. Jan.–Dec. 1880. Crawfordsville.→
I have been compelled to give this detailed account, since nothing less would give a true idea of this migratory production.

CANADA.

Montreal.

‡Canadian Naturalist. 1857, etc. 8°.→
See also Scudder, p. 292.

CENTRAL AMERICA.

Mexico.

‡Sociedad mexicana de historia natural. La Naturaleza, 1869, etc. 8°.→

SOUTH AMERICA.

Caracas.

‡Vargasia. Boletin de la sociedad de ciencias fisicas y naturales de Carácas. 1868, etc. 8°.

Nos. 1 to 4 were issued monthly, subsequently at desultory intervals.

ASIA.

‡Calcutta Journal of Natural History . . . Calcutta, 1840–8. 8 vols. 8°.

AUSTRALIA.

Hobart Town.

‡Tasmanian Journal of Natural Science. 1841–9. 3 vols. 8°.

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§ 1. Bibliography.

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Edited by C. T. Hoppe; not having seen the work, I refer it to this section with some doubt.

‡Murr (C. T. de). Adnotationes ad bibliothecas Hallerianas, botanicam, *etc.* Erlangae, 1805. 4°.

Botany, pp. 3-20.

*‡Szinnyei (J. & *Dr.* J.). Magyarország természettudományi és mathematikai könyvészete 1472-1875. Bibliotheca historiae naturalis et matheseos. Budapest, 1878. 4°.

‡Goodale (G. L.). The Floras of different countries. Cambr. (Mass.) 1879. 8°.

Forming No. 9 of Bibliographical Contributions, edited by J. Winsor.

‡Trautvetter (E. R. von). Florae rossicae fontes. Petrop. 1880. 8°.

§ 2. History.

‡Cohn (F.). Entw. der Naturw. . . . letze 25 Jahren. Bresl. 1872. 8°.

‡Mueller (F. von). On the Advancement of the Natural Sciences through Ministers of the Christian Church. Melb. 1877. 8°.

A lecture, mentioning many botanists.

‡Borodin (J.). *Botanical Progress during* 1877–9. *S. Peterb.* 1880. 8°.

§ 3. Biography.

‡Brignardello (G. B.). Un' aggiunta necessaria alla biografia del Dott. Carlo **Bagnis**. Firenze, 1880. 8°.

‡[Carruthers (W.).] John Joseph **Bennett**. Lond. [1876]. 8°.

‡Ernst (A.). Amadeo **Bonpland**. Apuntes biograficos . . . Carácas, 1869. 8°.

‡Noticia biographica de doutor Felix de Avellar **Brotéro**. Lisboa, 1847. 8°.

‡Krause (E.). Erasmus **Darwin** und . . . Geschichte der Descendenz-Theorie. Leipzig, 1880. 8°.

Transl. by W. S. Dallas, with additions by C. Darwin, Lond. 1880. 8°.

‡Tuke (J. H.). A Sketch of the Life of John **Fothergill**. Lond. [1879]. 8°.

‡Saetherberg (H.). Blomsterkonungen. Bilder ur **Linnés** lif. [Stockh. 1879.] 8°.

Poems on the various incidents of the life of Linnaeus.

§ 4. Indexes. (Terminology.)

Keith (P. K.). A Botanical Lexicon. Lond. 1837. 8°.

See also page 9. The work is announced on the title-page, as being by "The Rev. Patrick Keith, Clerk, F.L.S.," which has not unnaturally led a foreign cataloguer to suppose the author's name was Clerk, and this gave me much trouble to set right.

‡Salomon (C.). Woerterbuch der botanischen Kunstsprache. Stuttgart, 1880. 16°.

§ 5. Indexes. (Plant-Names.)

‡Hofer (A.). Ueber Thier- und Pflanzennamen. Wiener Neustadt, 1880. 8°.

§ 9. Systems.

‡Botanical Sketches. Lond. 1826. 8°.

"Old plates of the Linnean Classes with a new title." Loudon, in Gardener's Magazine, vol. i. p. 192.

§ 10. Biblical Botany.

‡Scripture Natural History. Lond. [1845 ?] 8°.

Plants, pp. 173-255.

‡M[aude] (M. F.). Scripture Natural History, *etc.* Lond. 1848. 8°.

Another edition, recast and title varied, was issued anonymously in [1864]. Plants, ed. 1. pp. 157-300; ed. 2. pp. 239-391.

‡Scripture Trees, Fruits, and Flowers. Lond. [1848]. 32°.

Ed. 2. [1863], so called in the British Museum Catalogue, is a set of cards, entitled "Flowers and Fruit from Bible Lands."

‡Scripture Natural History, for the Young. Lond. [1850–2]. 16°.

Title from coloured wrapper; poor woodcuts of plants.

‡Helps to the Study of the Bible, *etc.* Oxford, [1877]. 16°.

Trees, plants, flowers, etc., by Birdwood, Carruthers, and Tristram.

‡The Queen's Printers' Aids to the Student of the Holy Bible . . . Lond. [1878]. 16°.

Plants of the Bible, by J. D. Hooker.

§ 12. Early Modern Literature.

†Brunfels (O.). Kraeuterbuch contrafayt, vollkommen nach recter, warer beschreibung der alten leerer und aerzt. Strasszburg, 1534. 4°.

†Turneisserus (L.). Historia sive descriptio pl. omnium. Berlini, 1578. fol.

‡Franckenius (I.). Botanologia, nunc primum edita, praefatione historica, annotat. criticis, nomenclatura Linnaea ill. R. F. Fristedt. Upsaliae, 1877. 4°.

§ 13. Introductory Works.

‡Abbildungen aus dem Thier- und Pflanzenreiche. (Heft i.) Dresden, 1812. 4°.

‡Botanik, oder Pflanzenkunde fuer die Jugend. Nuernb. 1821. 12°.

‡Dargassies (—.). Lettres à Anaïs sur la botanique. Toulouse, 1825. 2 vols. 12°.

‡Lempriere (W.). Popular Lectures (on Vegetable Physiology, Vegetable Poisons, etc.). Lond. 1827. 8°. Ed. 2. 1830.

‡Outlines of Botany; first sketched [by the author] for the use of his nieces. Lond. 1827. 12°.

‡M. (L. B. D.). Lettres à Mme. de C***, sur la botanique . . . suivie d'une méthode élémentaire de botanique. Paris, 1829, 2 vols. 12°.

‡Brisseau-Mirbel (C. F.). General observations on Vegetation . . . Lond. 1833. 8°.

Transl. anonymously; this may be the work given on page 222, (which I have not succeeded in tracing beyond the English Catalogue,) as it has on the cover "Botanical Geography."

‡The Flower Book. Philad. [1833]. 12°.

‡W[ARING] (S.). The Meadow Queen; or the young Botanists. Lond. [1836]. 12°.

‡[PRATT (A.).] The Field, the Garden, and the Woodland. Lond. 1841. 12°.

‡A Botanical Ladder for the Young. Lond. [1844?] 12°.

‡Sights in Spring [Summer, Autumn, and Winter]. Lond. [1844?] 16°.

Four tracts, each complete in itself.

‡CHAMBERS (R.). An Introduction to the Study of Botany. Lond. 1847. 8°.

MACGILLIVRAY (W.). Manual of Botany. Ed. 2. Lond. 1853. 8°.

For ed. 1. see page 39.

‡COLEMAN (W. S.). A Handy Book to the Vegetable Kingdom. Lond. [1858]. 8°.

‡IRVINE (A.). Introduction to the Science of Botany. Lond. [1858]. 8°.

‡BUCKLAND (A. J.). The Elements of Botany, on the Natural System. Lond. 1859. 12°.

‡JOHNS (C. A.). Monthly Gleanings from the Field and Garden. Lond. [1859]. 16°.

‡HILL (C. S.). Wild Flowers and their uses . . . Lond. 1863. 16°.

In Chambers's Library for young people, Second Series.

‡Chapters on Plants; or, Marion's Herbal. Lond. 1863. 32°.

Issued in thirteen numbers.

‡RUSS (K.). Naturfoereteelser i dagliga lifvet. Kemi och fysik foer hemmet samt botanik foer fruntimmer. Stockh. 1869. 12°.

‡SANDERS (S. J. W.). Brief Notes on Structural Botany. Lond. [1870]. 12°.

‡Facts about Flowers. Lond. 1871. 16°.

‡BERTHOLD (C.), & H. LANDOIS. Lehrbuch der Botanik. Freiburg, 1872. 8°.

‡ERSLEV (E.). Planterigets Naturhistorie, en Laerebog for vore hoejere Skoler. Kjoeb. 1873. 8°.

‡MUELLER (E.). La flore pittoresque, croquis d'après nature. Liège, 1873. fol.

†BILL (J. G.). Grundriss der Botanik. Ed. 6. Wien, 1877. 8°.

‡WIRTH (G.). Bilder aus der Pflanzenwelt. Ed. 2. Langensalza, 1877. 8°.

‡Instructive Picture Book. No. 4. Pictures of Animal and Vegetable Life in all Lands. Ed. 2. Lond. 1878. fol.

No. 2. is given on page 57,—C. M. Yonge, Lessons from the Vegetable Kingdom.

‡Wood (A.), & J. D. Steele. Fourteen Weeks in Botany. New York, 1879. 8°.

The "Index, Pronouncing, Glossarial, and Referential," contains woodcuts of plant-organs.

‡I tre regni della natura, *etc.* Milano, 1879. 12°.

‡Berthoud (S. H.). La botanique au village. Ed. 10. Paris, 1880. 18°.

For earlier editions, see page 61.

‡Nanianu (B.). Elemente de istoria naturale. II. Botanica. Ed. 5. Bucuresci, 1880. 12°.

‡Marchand (L.). Éléments de botanique. Ed. [4?] Paris, 1880. 12°.

See also page 56.

‡Wretschko (M.). Vorschule der Botanik . . . Ed. 3. Wien, 1880. 8°.

‡Colmeiro (M.). Curso de botanica. Ed. "2." Madrid, 1880. 8°.

See also page 49.

‡Mueller (A. H. E.). Botanisches Huelfsheft fuer die unteren und mittleren Classen hoeherer Lehrenstalten. Ed. 2. (by O. Cunerth). Thorn, 1880.

‡——— (H.) Gymnasial-Botanik. Coeslin, 1880. 8°.

‡——— Schueler-Herbarium. Coeslin, 1880. fol.

‡Soerensen (H. L.). Dyrerigets og Planterigets Naturhistorie. Ed. 2. Christiania, 1880. 8°.

‡Berge (H.). Pflanzenphysiognomie. Besprechung der landschaftlich wichtigen Gewaechse. Berlin, 1880. 8°.

‡Bessey (C. E.). Botany for High Schools and Colleges. New York, 1880. 8°.

‡Bombarda (E.). Compendio di nozioni elementari di . . . botanica, *etc.* Bergamo, 1880. 16°.

‡Fabre (J. H.). Lectures scientifiques. Botanique. Coulommiers, 1880. 12°.

‡——— Botanique. Ed. 2. Paris, 1880. 18°.

‡Hanstein (J. von). Ueber die Entw. des botanischen Unterricht an den Universitaeten. Bonn, 1880. 8°.

With Memoir and Bibliography, by J. B. Meyer.

‡Kurz (V.). Botanika professora J. Kliky. Pro ústavy učitelské a vyšší realných škol vzdělal v. k. w Praze, 1881. 8°.

‡Nadejde (J.). Elemente de Botanicǎ conform programei actúale pentrŭ clasa II gimnasialǎ. Jasi, 1880. 8°.

‡Niederley (W.). Die Botanik in den unteren Schulklassen. Leipzig, 1880. 4°.

‡Ponteropoulos (E.). *Stoicheia botanikes.* Athen, 1880. 8°.

‡Reinke (J.). Lehrbuch der allgemeinen Botanik mit Einschluss der Pflanzenphysiologie. Berlin, 1880. 8°.

‡Rueckheim (J.). Huelfsbuch fuer den Unterricht in der Naturkunde . . . Botanik, *etc.* Berlin, 1880. 8°.

‡Schreiner (C. J.). Illustrirte Naturgeschichte der drei Reichc. Ed. 2. (by E. Mueller). Wien, 1880. 4°.

‡Sprockhoff (A.). Schul-Naturgeschichte. II. Botanik. Hannover, 1880. 8°.

‡Stangenberger (J.). Illustrirte Naturg. . . . aller drei Reiche. Ed. 7. Leipzig, 1880. fol.

‡Taylor (J. E.). Nature's Byepaths. Lond. 1880. 8°.

Contains very little botany.

‡Vernay (F.). Étude de la nature: les merveilles . . . botanique. Ed. [2?] Paris, 1880. 16°.

‡Warming (E.). Den almindelige Botanik. Kjoeb. 1880. 4°.

‡Meetkerke (C. E.). The Guests of Flowers. A Botanical Sketch for Children. Lond. 1881. 8°.

*‡Schenk (A.). Handbuch der Botanik. (Vol. i.) Breslau, 1881. 8°.→

Assisted by several other botanists; first issued in the Encyklopaedie der Wissenschaften, 1879, etc.

§ 14. Lectures.

‡Thomson (A. T.). Syllabus of a course of Lectures on Botany. Chelsea, 1813. 8°.

§ 15. Wall Diagrams.

‡Forwerg (M.). Blattformen . . . 8 Tafeln, *etc.* Dresden, 1879. fol.

‡——— Bluethenformen . . . 12 Tafeln, *etc.* Dresden, 1879. fol.

‡——— Kleiner Handatlas der Pflanzenkunde. Blatt und Bluethe . . . 20 Tafeln, *etc.* Dresden, 1879. 8°.

Reduced diagrams from the preceding.

‡Hartinger (A.). Wandtafeln fuer den naturg. Anschauungs-Unterricht . . . Abth. 3. Baeume. Wien, 1880. fol.

‡Gervais (P.). Nouvelles planches murales d'histoire naturelle. Texte explicative. Botanique. Paris, 1880. 18°.

‡DODEL-PORT (A. & C.). Anatomical and Physiological Atlas of Botany. Edinb. 1880. 8°.→

Transl. by D. McAlpine; this is the text to the wall diagrams cited on page 66.

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‡KOCH (L.). Glasphotogramme fuer den botanischen Unterricht . . . Goerlitz, 1880.→

Slides for projection on a screen; after Le Maout & Decaisne.

‡ZIPPEL (H.), & C. BOLLMANN. Repraesentanten einheimischer Pflanzenfamilien in farbigen Wandtafeln mit erlaeuterndem Text, im Anschluss an die "Auslaend. Culturpflanzen." 2. Abth. Phanerogamen. Braunschweig, 1880. fol.→

The preceding portions of this work are given on page 66.

§ 16. GENERAL PHYSIOLOGICAL WORKS.

‡BUSHNAN (J. S.). Phys. animal and vegetable life. Lond. 1855. 8°.

‡GRIMARD (E.). La goutte de sève, histoire intime de la vie végétale. Paris, 1869. 12°.

‡GRESSNER (H.). Botanische Untersuchungen. Iserlohn, 1877. 4°.

In Jahres-Bericht . . . Gymnasii Arnoldini.

‡MCNAB (W. R.). Botany, Morphology and Physiology. Lond. 1878. 16°.

The companion volume is given on page 60.

‡OUDEMANS (C. A. J. A.), & H. de VRIES. Leerboek der plantenkunde. I. Plantenphysiologie. Amst. 1880. 8°.

‡POGGIOLI (M.). Lavori in opera di scienze naturali . . . Roma, 1880. 4°.

Posthumous; edited by G. Poggioli.

‡WYTHE (J. H.). Science of Life; or Animal and Vegetable Biology. New York, 1880. 8°.

‡Plant-life, Papers on the Phenomena of Botany. Lond. 1880. 8°.

§ 17. THE CELL AND CELL CONTENTS.

‡TOMASCHEK (A.). Umbildung des Pollens, zur Kenntniss des Zellenlebens. Moskau, 1872. 8°.

‡ARDISSONE (F.). La vie des cellules et l'individualité dans le règne végétal. Milano, 1874. 8°.

Transl. by A. Champseix; original title on page 74.

*‡STRASSBURGER (E.). Zellbildung und Zelltheilung. Ed. 3. Jena, 1880. 8°.

For Ed. 1. see page 74.

‡JOHOW (F.). Unters. ueber die Zellkerne in . . . hoeherer Monokotylen. Bonn, 1880. 8°.

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‡REINKE (J.). Ueber die Zusammensetzung der Protoplasma von Aethalium septicum. Vorlaeufige Mittheilung, als MS. gedruckt. Goettingen, [1880]. 8°.

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‡DEHNECKE (H. M. K.). Ueber nicht assimilirende Chlorophyll-koerper. [Bonn], 1880. 8°.

§ 18. NUTRITION AND VITALITY.

‡BELLANI (A.). Indefinibile durabilità delle vita nelle bestie. Milano, 1836. 8°.

Contains, pp. 87-101, Appendice sulla illimitata longevità delle piante.

‡McIVOR (R. W. E.). The Food of Plants in its Relation to the Exhaustion of Lands . . . [Ballarat, 1876]. 18°.

Issued with Mueller's Select Textile Plants, see page 401.

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‡HOPPE (O.). Beobacht. der Waerme in der Bluethenscheide einer Colocasia odora. Halle, 1880. 4°.

‡KUNISCH (H.). Ueber die toedliche Einwirkung niederer Temperaturen auf die Pflanzen. Breslau, 1880. 8°.

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‡WIESNER (J.). Die heliotropischen Erscheinungen im Pflanzenreiche. II. Wien, 1880. 4°.

For earlier portion, see page 79.

‡MIKOSCH (K.), & A. STOEHR. Unters. ueber den Einfluss des Lichtes auf die Chlorophyllbildung bei intermittirender Beleuchtung. Wien, 1880. 8°.

§ 19. GROWTH,—MOTION OF FLUIDS.

‡BELLUCCI (G.). L'esistenza dell' acqua ossigenata nell' organismo delle piante. Roma, 1878. 4°.

‡KRAUS (G.). Ueber die Wasservertheilung in der Pflanze. II. Der Zellsaft und seine Inhalt. Halle, 1880. 4°.

§ 21. Periodical Movement of Plants.

‡Wiesner (J.). Die undulirende Nutation der Internodien. Ein Beitrag zur Lehre vom Laengenwachstum der Pflanzenstengel. Wien, 1878. 8°.

Elfving (F.). Studier oefver geotropiska vaexdelar. Helsingf. 1879. 8°.

*‡Darwin (C. & F.). The Power of Movement in Plants. Lond. 1880. 8°.

§ 22. Growth of Organs.

‡Falkenberg (P.). Beitraege zur Anatomie der monocotyledonen Vegetations-organe. Goett. 1875. 8°.

§ 23. The Root.

‡Eriksson (J.). Studier oefver Leguminosernas rothnoelar. Lund, 1877. 4°.

‡Block (O.). Unters. ueber die Verzweigung fleischiger Phanerogamen-Wurzeln. Berlin, 1880. 8°.

§ 24. The Axis.

‡Dutailly (G.). Sur quelques phénomènes . . . dans les tiges et les racines des Dicotylédones. Paris, 1879. 8°.

§ 25. The Leaf.

‡Berthold (C.). Beitrag zur vergleichenden Anatomie der Coniferen-Blaetter. Breslau, 1875. 8°.

‡Maquenne (—.). Recherches sur le détermination des pouvoirs absorbants et diffusifs des feuilles. Paris, 1880. 4°.

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‡Kareltschikoff (S.). Ueber die Vertheilung der Spaltoeffnungen auf den Blaettern. Moskau, 1866. 8°.

‡——— Zur Entw. der Spaltoeffnungen. Moskau, 1866. 8°.

§ 28. The Bark,—Hairs and Thorns.

‡Theorin (P. G. E.). Utvecklingen och byggnaden hos någar vaexters taggar och borst. Stockh. 1880. 8°.

§ 30. The Inflorescence.

‡Clos (D.). La feuille florale et le pistil. Toulouse, 1880. 8°.

‡Mellink (J. F. A.). Over de ontwikkeling van den keimzak bij Angiospermen. Leiden, 1880. 8°.

‡Willkomm (M.). Zur Morphologie der samentragenden Schuppe des Abietineenzapfens. Halle, 1880. 4°.

‡Zsuffa (P.). A virágról. Léva, 1880. 4°.

Forms pp. 1-46 of the Programm of the Piaristengymnasium; it treats of the flower in its entirety and particulars.

§ 35. Fertilisation.

‡Delpino (F.). Studi sopra un lignaggio anemofilo delle composte delle Artemisiaceo. Firenze, 1871. 8°.

‡Noble (N.). Insectes et oiseaux, 23e leçon de mon cours de botanique, *etc.* Toulon, 1880. 8°.

‡Zins (J.). Einfluss der Insecten auf die Befruchtung der Pflanzen. Homburg, 1880. 4°.

*‡Mueller (H.). Alpenblumen, ihre Befruchtung durch Insekten und ihre Anpassungen an dieselben. Leipzig, 1881. 8°.

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*‡Focke (W. O.). Die Pflanzenmischlinge. Berlin, 1881. 8°.

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‡Ingelrelst (L.). Les plantes d'ornement; de l'origine des variétés. Paris, 1880. 8°.

§ 36. Migration and Accommodation.

*‡Darwin (C.). De la variation des animaux et des plantes à l'état domestique. Abbeville, 1879–80. 2 vols. 8°.

Transl. by E. Barbier; for the English original, see page 101.

§ 39. Plant-Diseases.

‡Carruthers (W.). On Straw-blight, a disease of Wheat-straw. Lond. 1872. 8°.

‡Mouillefert (P.). On a new clover disease. Lond. 1874. 8°.

Transl. by W. Carruthers.

*‡Frank (B.). Die Krankheiten der Pflanzen. Breslau, 1880. 8°.

Reprinted separately from the Encyclopaedie der Naturwissenschaften, 1879, *etc.*

‡Gibelli (G.). La malettia del castagno. Modena, 1880. 8°.
‡Paget (J.). Address on Elemental Pathology . . . Lond. 1880. 8°.
Deals almost exclusively with the diseases of plants.

§ 40. Teratology.

†Brueckmann (F. E.). De Ocymastro flore viridi pleno obs. botanica. Wolffenbuettelae, 1732. fol.
‡Hermann (L. D.). Zufaellige Gedancken ueber Titel [as above]. Massel, 1733. fol.
‡Penzig (O.). Sopra un casa teratologico nella Primula sinensis, Lindl. Padova, 1880. 8°.

§ 41. Chemistry of Plants.

‡Wittstein (G. G.). Anleitung zur chemischen Analyse von Pflanzentheilen auf ihre organischen Bestandtheile. Noerdlingen, 1868. 8°.
‡Wolff (E.). Aschenanalysen von land- und forstwissenschaftlichen Producten, Fabrik-Abfaellen, und Wildwachsenden Pflanzen. Berlin, 1880. 4°.

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‡Prunier (L.). Parallèle entre les phénomènes chimiques dans les végétaux et dans les animaux. Paris, 1880. 4°.
‡Corenwinder (B.), & G. Contamine. Recherches chimiques sur les racines alimentaires. Le Panais. Lille, 1880. 8°.
‡Power (W. F.). On the constituents of the Rhizome of Asarum canadense, L. Strassburg, 1880. 8°.

§ 43. Special Morphology.

‡Packinger (A.). A felső kryptogamok és phanerogamok rokonsági viszonyai, boncz-, idom- és fejlődéstani tekintetben. Budapest, 1880. 4°.
Forms part of Programme of the Piaristengymnasium, pp. 1-62.
‡Schimper (A. F. W.). Die Vegetationsorgane von Prosopanche Burmeisteri. Halle, 1880. 4°.
‡Pringsheim (N.). Morphologie der Utricularien. Berlin, 1869. 8°.

§ 44. Phanerogams.

†Boehmer (G. R.). De plantarum superficie genera et species definiente exercitatio prima. Vitembergae, [1771]. 4°.

†——— Id. exercitatio secunda. Wittebergae, [1772]. 4°.

‡Martyn (T.). Figures of Plants. Lond. 1795. 4°.

Coloured plates, no text; apparently proofs. (Brit. Mus.)

‡Sprengel (A.). Tentamen supplementi ad systematis vegetabilium Linnaeani . . . Gottingae, 1828. 8°.

Bartling (F. G.). Ordines naturales pl. . . . Goett. 1830. 8°.

†Darlington (W.). Reliquiae Baldwinianae . . . Philad. 1843. 8°.

‡Mercklin (C. von). Anatomisch-physiologisch Notizen ueber einige seltner bluehende Pflanzen der Kaiserl. Gewaechsh. zu St. Petersburg. Riga, 1851. 8°.

‡Decaisne (J.). Miscellanea botanica. Paris, 1880. 8°.→

Republished from various periodicals.

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‡[Verlot (J. B.).] Liste systematique des plantes publiées . . . 1874–7. Grenoble, 1877. 8°.

‡Vos (A. de). Énumération méthodique des plantes . . . qui ont été signalées en 1879. Gand, 1880. 8°.

‡Delpino (F.). Revista botanica dell' anno 1879. Milano, 1880. 8°.

§ 46. Monographs. (Phanerogams.)

‡Brenot (L.). Remarques sur deux variétés d'Épicea. [**Abies.**] Paris, 1878. 4°.

‡Koch (C.). Monographie des **Agavées.** Gand, 1862. 8°.

Transl. from the German, by A. Borre.

‡Treumann (C.). Beitraege zur Kenntniss der **Aloe.** Dorpat, 1880. 8°.

‡Bunge (A.). Pflanzen-geographische Betrachtungen ueber die Familie der **Chenopodiaceen.** St. Pétersb. 1880. 4°.

‡Weddell (H. A.). Uebersicht der **Cinchonen.** Schaffhausen, 1871. 8°.

Transl. by F. A. Flueckiger; for original, see page 128.

‡Lindley (J.). Note upon a handsome and hardy Plant, called **Clianthus** puniceus. Lond. 1834. 4°.

‡Koch (L.). Die Klee- und Flachseide (**Cuscuta** Epithymum und C. Epilinum). Heidelberg, 1880. 8°.

‡Todaro (A.). Sopra una nuova specie di **Fourcroya.** Palermo, 1879. 4°.

HAMMAR (O.). En monografi oefver slaeget **Fumaria**. Lund, 1854. 8°.

‡HELDREICH (T. von). Ueber die Liliaceen-Gattung **Leopoldia** und ihre Arten. Moskau, 1878. 8°.

‡BRAUN (A.). Ueber **Lepidozamia**. [Berlin, 1875]. 8°.

†NEES VON ESENBECK (C. G.). Plantarum **Laurinarum** . . . expositio. Vratislaviae, 1833. 4°.

See Pritzel, Ed. 2. No. 6654.

*†LINDEN (J.). Pescatorea. Iconographia des **Orchidées** de la collection de M. Pescatore, au chateau de La Celle, St. Cloud. Vol. i. Bruxelles, 18[55–]60. fol.

Assisted by J. E. Planchon, G. Reichenbach, and J. Lueddemann; title as above from coloured wrapper.

‡BURBIDGE (F. W.). Cool **Orchids** . . . with a descriptive list of all the best species in cultivation. Lond. 1874. 8°.

‡BRITTEN (J.), & W. H. GOWER. **Orchids** for Amateurs: containing descriptions . . . Lond. [1878]. 8°.

‡LOJACONO (M.). Osservazioni sulle **Orobanche** ed in ispecie su quella parassita della fava. Palermo, 1880. 8°.

‡Examen de deux Mémoires de physiologie végétale suivi de l'examen d'un troisième mémoire publié à Genève comme les deux autres, sous le title de Monographiae generis **Polygoni** prodromus. Paris, 1828. 8°.

The last refers to Meissner's work (1826); I do not know what the first two relate to, as I have not been able to see this pamphlet.

‡[BURNETT (G.).] Botanical diversions. I. Amoenitates querneae. [**Quercus.**] Lond. 1827. fol.

Forms the letterpress, foll. 1–26, (exclusive of the preface) of H. W. Burgess, Eidodendron, Views of . . . Trees.

‡MARTINDALE (I. C.). Notes on the Bartram Oak, **Quercus** heterophylla, Mx. Camden, 1880. 8°.

‡CRÉPIN (F.). Primitiae monographiae **Rosarum**, materiaux pour servir à l'histoire des Roses. Brux. [1869–80]. 8°.

‡FOERSTER (A.). Ueber die Polymorphie der Gattung **Rubus**. Aachen, 1880. 8°.

‡KLINGE (J.). Ueber **Sagittaria** sagittaefolia, L. Dorpat, 1880. 8°.

‡KINDBERG (N. C.). Dispositio plantarum **Synantherearum** . . . [Linkoeping, 1862]. 8°.

At the end of, Redagoerelse foer Linkoeping hoegre och stiftets laegre elementar-laeroverk.

‡HOFFMANN (G. F.). **Umbelliferae**. Vol. ii. [Moscow, 1815?] 8°.

Title from coloured wrapper; consists only of pp. 1-16.

§ 47. Cryptogams.

Eisengrein (G. A.). Pflanzenklasse der Akotyledonen . . . Freiburg, 1842–4. 8°.

*‡Hofmeister (W.). Germination, Development, and Fructification of the Higher Cryptogamia, *etc.* Lond. 1862. 8°.
Transl. by F. Currey; the original work is given on page 148.

‡Richon (C.). Desc. . . . de plantes cryptogames nouvelles. Vitry-le-François, 1879–80. 8°.

‡Davis (G. E.). On some Protophytes. Manchester, 1880. 8°.

‡Martel (E.). Cenni sulla reproduzione delle crittogame . . . Ragusa, 1880. 16°.

‡Die Fortschritte der Botanik. [No. 2] Cryptogamen (aus Vierteljahres-Revue der Naturwissenschaften). Leipzig, 1880. 8°.
From the Vierteljahres-Revue der Naturwissenschaften; see also page 4.

§ 48. Vascular Cryptogams.

Rivière (A.), E. André, & E. Rose. Les fougères et les sélaginelles . . . Paris, 1866–7. 2 vols. 8°.

§ 49. Ferns.

‡Ogilvie (G.). On the Forms and Structure of Fern-stems. Lond. 1859. 8°.

‡Shaw (C.). Illustrations of Ferns for Amateurs. (Part I.) Wolverhampton, [1878]. 8°.

‡Wood (J. M.). Classification of Ferns. Natal, 1879. 8°.

§ 51. Hepaticae.

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‡Cleve (P. T.), & A. Grunow. Beitraege zur Kenntniss der arctischen Diatomaceen. Stockh. 1880. 4°.

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‡Francis (G.). A Cat. of the Species of British Flowering Plants and Ferns. Ed. 2. Lond. [1836]. fol.

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‡A Catalogue of the British phaenogamous Plants and Ferns, arranged according to the Natural and Linnean systems, showing the months of flowering. Hyde, 1856. 12°.

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‡——— Excursion botanique à Saint-Paul-de-Fénouillet (**Pyrénées** orientales). Paris, 1880. 8°.

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‡Kienitz (M.). Schuessel zum Bestimmung der wichtigsten in Deutschland cultivirten Hoelzer, *etc.* Muenchen, 1879. fol.

†Willkomm (M.). Deutschland's Laubhoelzer im Winter. Leipzig, 1859. 4°. Ed. 3. Dresden, 1880.

‡Lauche (W.). Deutsche Dendrologie. Berlin, 1880. 8°.

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‡Suringar (W. T.). Zakflora. Ed. 4. Leeuwarden, 1880. 8°.

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§ 85. Russia.

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‡KOSCHEWNIKOFF (D.), & W. ZINGER. *Outline of the Flora of the Government of Tula. S. Peterb.* 1880. 8°.

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‡BONNEY (T. G.). Flowers from the Upper Alps, *etc.* Lond. 1869. 8°.

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§ 90. AFRICA.

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*‡WATSON (S.). Botany [of California]. Vol. ii. Cambr., Mass. 1880. 4°.

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‡IVES (J. C.). Report upon the **Colorado** River of the West. Wash. 1861. 4°.

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§ 97. China and Japan.

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‡St. John (S.). Life in the Forests of the Far East (or Travels in Northern Borneo). Lond. 1862. 2 vols. 8°. Ed. 2. (Title extended as above), 1863.

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§ 101. Australia.

‡Woods (J. E. T.). Geological observations in South Australia. Lond. 1862. 8°.

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‡[WESTCOTT (G. B.).] Cat. of plants cultivated in the **Birmingham** Botanic Garden . . . Birm. [1838]. 8°.

‡CURTIS (S.). The Beauties of Flora . . . [**Gamston**?] Gamston, 1820. fol.
Plants figured from his own collection.

§ 109. GERMANY.

‡PFITZER (E.). Der Botanische Garten der Universitaet **Heidelberg**. Heidelb. 1880. 8°.

§ 111. ITALY.

‡SACCARDO (P. A.). Da un' informazione sopra lo studio di **Padova** . . . Padova, 1880. 8°.

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‡ALDINUS (T.). Exactissima descriptio rariorum quarundam pl., quae continentur **Romae** in horto Farnesiano. Romae, 1625. fol.

§ 114. SCANDINAVIA.

‡MOE (N.). Veiledning til Dyrkning af glaciale, alpinske, og arctiske Planter . . . Christiania, 1862. 8°.

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‡Catalogo geral de Orchideas em cultura no jardim real de Paço d'Ajuda. Belem, 1880. 8°.

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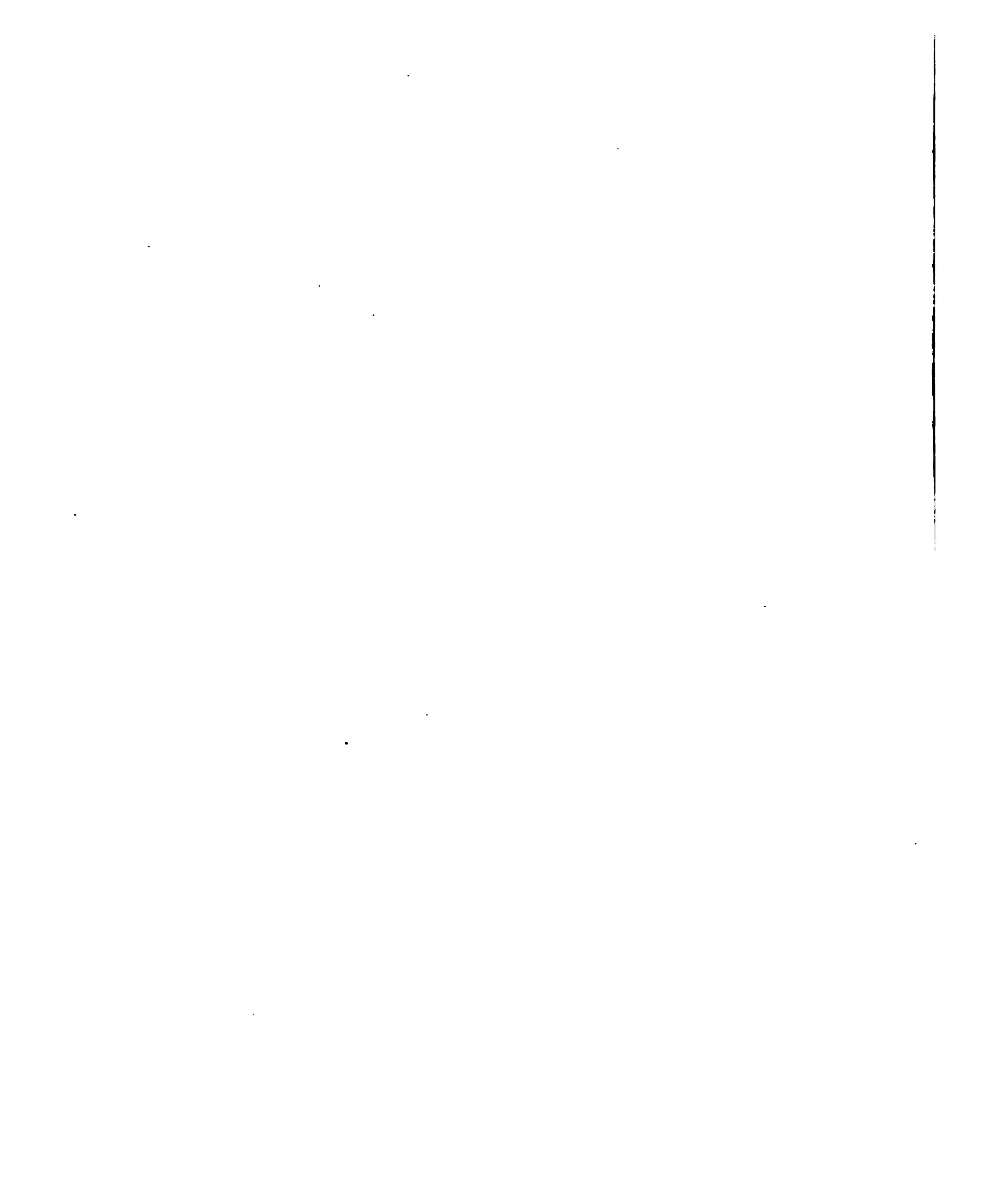
§ 124. Journals.

‡The Journal of Eastern Asia. Quarterly, Vol. i. No. 1. Singapore, 1875. 8°.

Edited by J. Collins. (Linn. Soc. Library.)

INDEX.

Anonymous works of unknown authorship are not indexed. Titles of Sections are given in small capitals. For brevity, a fragment only of each title (irrespective of case) is given below; for the same reason, as a rule, only the first and last editions known to me are given in the body of the work.



CORRIGENDA AND ADDITAMENTA.

Page
xviii, line 22, for *passagio*, read *passaggio;* also p. 108, line 12.
4 ,, 5 ,, Hepaticologicus, read Hepaticologiens; also p. 572, last line but two.
10 ,, 19 ,, REGIUS, read RÉGUIS.
11 ,, 15 ,, MARTINS, read MARTIUS.
12 ,, 30 ,, § 107, read p. 407.
13 ,, 12 ,, § 50, read p. 119.
17 ,, 13, insert [DUPPA (R.)].
33 ,, 15, for EHRHARD, read EHRHART.
37 ,, 34 ,, Kingston, read Kingdon.
44 ,, 18 ,, [1841], read [1839].
45 ,, 38 ,, GOSTELMAN, read GOSSELMAN.
47 ,, 27 ,, vaexverlden, read vaextverlden.
49, last line but one, for DIETRICHSEN, read DIETRICHSON.
51, line 23, read Lessons in Elementary Botany.
53 ,, 3 from bottom, for UNVERRICHT (E.), read UNVERICHT (C).
55, last line but one, for MONTMAHON, read MONTMAHOU.
59, line 9, delete Ed. 9., and after Tours insert 1844.
60 ,, 30, for STRAUTZ, read STRANTZ.
61 ,, 15 ,, Grundzuge, read Grundzuege.
63 ,, 21 ,, GROENLAND, read GROENLUND.
63, last line but one, for ANDERSEN, read ANDERSSON.
66, line 24, for Auschauungs, read Anschauungs.
72 ,, 6 ,, CHALONS, read CHALON; also p. 136, line 1, and p. 447, last line but two.
81 ,, 20 ,, PFISTER, read PFITZER.
83 ,, 31 ,, Wurzelauschwellungen, read Wurzelanschwellungen.
89 ,, 21 ,, varis, read vasis.
95 ,, 11 ,, Lebermoosporen, read Lebermoossporen.
98 ,, 3 ,, HORNSCHURCH, read HORNSCHUCH.
98 ,, 32 ,, Geschlecter, read Geschlechter.
101 ,, 21 ,, maturazioni, read maturazione.
106 ,, 25 ,, (A. T.), read (A. & T.).
112 ,, 19 ,, Uster, read Usteri.
119 ,, 28 ,, Ulmacae, read Ulmaceae.
150 ,, 30, at end, insert 8°.
151 ,, 16, for LESYCZYC, read LESZCZYC.
156 ,, 2 ,, neuen, read neuern.
156 ,, 22 ,, Pflanzenlebens, read Pflanzenleben.
171 ,, 5 ,, Vesuch reines systems, read Versuch eines Systems.
179 ,, 23 ,, Suessevasserkalkes, read Suesswasserkalkes.
181 ,, 11 ,, 1878, read 1872.
184 ,, 30 ,, LENDUGER, read LEUDUGER.
187 ,, 33 ,, fossil, read fossile.
188 ,, 33 ,, Bluf, read Bjuf.
190 ,, 24, delete Ed. 2.
202 ,, 22, after Ed. 6., insert 1836.
207 ,, 17, for Forsbotanik, read Forstbotanik.

Page
207, line 37, for Querchsnitte, read Querschnitte.
213 ,, 26 ,, Voight, read Voigt.
214 ,, 2 ,, Diesbach, read Dierbach.
224 ,, 32 ,, Gronow, read Grunow.
225 ,, 5 ,, Martius, read Martins.
230 ,, 35, after Glasgow insert 1848?
232 ,, 29, to be struck out.
234 ,, 34, for [1835], read [1828].
241, after last line but three, insert ‡Braithwaite (R.). Sphagnaceae britannicae. Lond. 1880. 8°. Announced in 1878 as ready, but not issued till the later date.
247, line 20, for Ed. 1., read Ed. 2.
247 ,, 32 ,, Huberniae, read Hibernia.
253, after last line, insert ‡Pryor (R. A.). Notes on a proposed re-issue of the Flora of Hertfordshire. Hertford, 1875. 8°.
257, lines 12–14, delete the entry accidentally duplicated here.
261, line 11, Deakin has been suggested as the author instead of Forster.
262 ,, 16, Dryander has written in the Banksian Copy, "Thomas Furley Forster," but both the brothers probably had a hand in it.
263 ,, 9, for Oersterreich (twice), read Oesterreich.
268 ,, 27 ,, Kostelezky, read Kosteletzky.
278 ,, 8 ,, Bonvier, read Bouvier.
279 ,, 14 ,, Florale, read Florule.
292 ,, 4 ,, Morrière, read Morière.
293 ,, 30 ,, (G. A. F.), read (G. & F.).
295 ,, 13 ,, Schuessel, read Schluessel.
297 ,, 14 ,, Rees, read Reess.
300 ,, 15 ,, Petermanns—Schlussel, read Petermann—Schluessel.
307 ,, 28 ,, Boennighausen, read Boenninghausen.
310 ,, 12 ,, Heynold, read Heynhold.
313, lines 1, 2, substitute this title, *Logos . . . hupo tou taktikou kathegetou tes botanikes.*
316, after line 8, insert ‡——— Cronaca della briologia italiana. Genova, 1868. 2 vols. 8°.
317, line 24, for Terraciano, read Terracciano.
330, last line but two, for Ufim, read Ufa.
335 ,, ,, ,, four, for comprehensas, read comprehensae.
337, lines 14 and 16, for Fimbo, read Funbo.
337, line 30, for Troilus, read Troilius.
340, last line but three, for Planellos, read Planellas.
344 ,, 10 for Montaudon, read Montandon; an error from Pritzel, Thes. ed. 2. 3056, see also 6391.
344 ,, 13 ,, Bryognographische, read Bryogeographische.
346 ,, 4 ,, for africanum, read africanarum.
346 ,, 25, delete P. Ascherson.
351 ,, 5, for Flora, read Florae.
354 ,, 12 ,, americanum, read americanarum, an error copied from Pritzel, Thes., ed. 2. 7217.
409 ,, 4 ,, botanique, read botaniques.
420 ,, 16 ,, 1874, read 1847.
427 ,, 29 ,, Garden, read Garten.
480 ,, 2 ,, Oudmans, read Oudemans.
503 ,, 2 ,, Meyer, read Meyen.

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